

85X
CATALOGUE

OF

DIURNAL LEPIDOPTERA

OF THE FAMILY

SATYRIDÆ

IN THE

COLLECTION

OF THE

BRITISH MUSEUM. (1161-1171)
Dept. of Zoology

BY

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126571
MAR 28 1884
LONDON:

PRINTED BY ORDER OF THE TRUSTEES.

1868.

PRINTED BY TAYLOR AND FRANCIS,
RED LION COURT, FLEET STREET.

PREFACE.



THE object of the present Catalogue is to give a complete list of all the genera and species of Satyridæ known to exist in the cabinets of European and American entomologists.

The localities given chiefly apply to the specimens in the National Collection ; the letters B.M. after the species denote the specimens now contained in the British Museum ; and the absence of these *letters* indicates the species which are desiderata, and therefore desirable to be procured for the Collection.

JOHN EDWARD GRAY.

British Museum,
Feb. 20, 1868.



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ERRATA.

- Page 14. For "Typical Species *Eutychia Herse*," read "Typical Species *Euptychia Herse*."
- „ 16. *E. Clarissa* must give way to *Penelope*, Fabr., described in the 'Systema Entomologiæ.'
- „ 17. For (*Euptychia divergens*) "p. 464. n. 14," read "p. 464. n. 15."
- „ 33. Omit note after *E. Bysses*, var. It was inserted in the MS. before the type of *E. Necys* had been examined.
- „ 107. *A. Morna*, Fabr. = *A. Philoctetes*, Linn. ♀.
- „ 114. *L. arcuata*, Butl. = *L. Arete*, Cram. ♂, hitherto considered identical with *L. Europa*.
- „ 138. *M. Hesione*, Cramer, must change places with *M. Medus*, Fabr., described in the 'Syst. Ent.'
- „ 166. For *Geitoneura*? *Cordace* read *Heteronympha Cordace* (Hab. Melbourne).

CATALOGUE

OF

DIURNAL LEPIDOPTERA.

FAMILY SATYRIDÆ, *Westwood* (1851).

Genus 1. CÆROIS, *Hübner* (1816).

Typical Species *Cærois* (*Arcesilaë*) *Chorinæus*.

1. Cærois Chorinæus.

- Papilio* *Chorinæus*, *Fabricius*, *Syst. Ent.* p. 484 (1775).
Arpidea *Chorinæus*, *Duncan*, *Foreign Butterf.* p. 180, pl. 23 (1837).
Cærois *Chorinæus*, *Westwood* in *Gen. Diurn. Lepid.* p. 367. n. 1 (1851).
Papilio *Arcesilaus*, *Cramer*, *Pap. Exot.* iv. p. 11, pl. 294. figs. A–D (1782); *Stoll*, (transformations) pl. vi. (1787–91).
Cærois *Arcesilaë*, *Hübner*, *Verz. bek. Schmett.* p. 56. sp. 536 (1816).

Surinam (*Fabricius*), Ega, Tunantino.

B.M.

Genus 2. MELANITIS *, *Fabricius* (1808).

Typical Species *Melanitis* *Leda*.

1. *Melanitis* *Leda*.

- Papilio* *Leda*, *Linnaeus*, *Syst. Nat.* ii. p. 773. n. 150 (1766).
Oreas (marmorata) *Leda*, *Hübner*, *Samml. exot. Schmett.* Band i. pl. 91. figs. 1–4 (1806–27).

* *Melanitis* of the *Eurytelidæ* is the *Elymnias* of *Hübner*.

Melanitis Leda, *Fabricius, Syst. Gloss. (Illiger's Mag. vi. p. 282, 1808)*; *F. Moore, Cat. Lep. Mus. East-Ind. Comp. p. 222. n. 461 (1857).*

Hipio Leda, *Hübner, Verz. bek. Schmett. p. 56. n. 538 (1816).*

Satyrus Leda, *Godart, Enc. Méth. ix. p. 478. n. 4 (1819).*

Cyllo Leda, *Westwood in Gen. Diurn. Lepid. p. 361. n. 1 (1851).*

Vars. 1, 2, 3, 3b, 4, 5, Butler, Ann. & Mag. Nat. Hist. (Jan. 1867).

Java, Ceylon, Moulmein, Northern India, Celebes, Ceram. B.M.

MELANITIS TRISTIS.

Cyllo tristis, *Felder, Reise der Fregatte Novara, iii. p. 464. n. 785 (1867).*

Northern India (Felder).

Dr. Felder remarks with regard to this insect :—"The form of the wings differs proportionably from all the examples of *C. Leda*, from many localities, now before us. The front wings are longer in the inner margin; the hind wings likewise are broader, but shorter within than in *C. Leda*."

Notwithstanding, I cannot think it is more than a variety; for I am fully convinced that this species is capable of almost any amount of variation in form as well as in colour.

MELANITIS ISMENE.

Papilio Ismene, *Cramer, Pap. Exot. i. pl. 26. figs. A, B (1779).*

Papilio Mycena, *Cram. ibid. iv. pl. 291. fig. F (1782).*

Papilio Arcensia, *Cram. ibid. pl. 292. fig. C (1782).*

Melanitis Banksia, *Moore, Cat. Lep. Mus. East-Ind. Comp. p. 222. n. 462 (1857).*

Cyllo Leda, vars. *2a, 4a, 5a, 7-10, 11-18, 19, 20, 21, 23, Butler, Ann. & Mag. Nat. Hist. (January 1867).*

Moreton Bay, Ashanti, Sierra Leone, Congo, North India.

B.M.

MELANITIS TAITENSIS.

Cyllo Leda, var. *Taitensis*, *Felder, Verhandl. zool.-bot. Gesellsch. in Wien, xii. (1862)*; var. *22, Butl. (1867).*

Papilio Leda, *Cramer, Pap. Exot. iv. pl. 292. fig. A (1782).*

Tahiti (Felder), Oceania.

B.M.

MELANITIS DURYODANA.

Cyllo Duryodana, *Felder, Reise der Fregatte Novara, vol. iii. p. 464. n. 786 (1867).*

Bengal, Cachar, Assam (Felder).

"Larger than *C. Banksia* (F.); all the wings longer, and more strongly angulated."

MELANITIS OBSOLETA.

Cyllo obsoleta, *Felder, Reise der Fregatte Novara*, iii. p. 464.
n. 787 (1867).

Celebes ?, var. Java (Felder). B.M.

I think this must be my variety 8 of *M. Leda* ; if so, it is only a form of *Ismene*.

MELANITIS SOLANDRA.

Papilio Solandra, *Fabricius, Syst. Ent.* p. 500 (1775).

Cyllo Solandra, *Boisduval, Voy. dans l'Océanie, Ent.* pt. 1.
p. 142 (1832-35).

Cyllo Helena, *Westwood in Gen. Diurn. Lepid.* p. 361. n. 2
(1851) ; *Butl. vars.* 1 a, 2 b, 5 b, 19 a, 20 a (1867).

? Cyllo fulvесеens, *Felder, Reise der Fregatte Novara*, iii. p. 465.
n. 788 (1867).

Moreton Bay, Mauritius, Cape of Good Hope. B.M.

MELANITIS BANKSIA.

Papilio Banksia, *Fabricius, Syst. Ent.* p. 499 (1775).

Satyrus Banksia, *Godart, Enc. Méth.* ix. p. 477. n. 3 (1819).

Cyllo Banksia, *Westwood in Gen. Diurn. Lepid.* p. 361. n. 3
(1851).

Var. Cyllo Boisduvalia, *Felder, Diagn. Lepid.* p. 43. n. 96
(1859) ; *Butl. vars.* 10 a, 18 a, 24-27, 28 a (1867).

Cape of Good Hope, Congo, Moreton Bay, Australia. B.M.

MELANITIS PHEDIMA.

Papilio Phedima, *Cramer, Pap. Exot.* iv. pl. 292. fig. B (1782) ;
Butl. var. 28 (1867).

Australia. B.M.

I have found it utterly impossible to separate the above forms specifically from one another ; slight differences in form and in the colouring of the upperside are the only guides by which to distinguish the different named varieties ; but even these are not constant. The true *Leda*, however, appears to occur only in India and the Indian Islands ; but the slight variety *Ismene* (including *Mycena* and *Arcensia*) has a much wider range, being found in India, Java, Australia, and Africa. The ? *Taitensis* of Felder links this form to *Solandra* ; the latter and *Banksia** appear to exist only in Australia and Africa, whilst *Phedima* seems to be strictly confined to Australia.

2. Melanitis Vamana.

Melanitis Vamana, *Moore, Cat. Lep. Mus. East-Ind. Comp.*
p. 223. n. 463 (1857).

* The *Banksia* of Moore's Catalogue is the *Ismene* of Cramer.

Darjeeling, North India (Moore), East Indies. B.M.
 Very possibly only another form of *Leda*.

3. *Melanitis Ambasara*.

Melanitis Ambasara, Moore, *Cat. Lep. Mus. East-Ind. Comp.*
 p. 223. n. 464 (1857).

Java (Moore).

This species appears to have been in the collection of Dr. Horsfield. It is possibly a variety of *Ismene*.

4. *Melanitis Bela*.

Melanitis Bela, Moore, *Cat. Lep. Mus. East-Ind. Comp.* p. 223.
 n. 465 (1857).

Northern India, Assam, Darjeeling (Moore), Sylhet. B.M.

5. *Melanitis Suyudana*.

Melanitis Suyudana, Moore, *Cat. Lep. Mus. East-Ind. Comp.*
 p. 224. n. 466 (1857).

Java.

Horsf. Collection.

6. *Melanitis Varaha*.

Melanitis Varaha, Moore, *Cat. Lep. Mus. East-Ind. Comp.*
 p. 224. n. 467 (1857).

Canara (Moore).

7. *Melanitis Erichsonia*.

Cyllo Erichsonia, Felder, *Lep. Nov. Ins. Philipp. in Lep. Diagn.*
 p. 43. n. 95 (*Wien. Monats.* v. 1861).

Mindoro (Colls. Semper and Felder).

Like the preceding, but with more distinctly angulated wings. I have seen a specimen of this species in Mr. Bates's collection; it is smaller than *Suyudana*, and has the wings formed as in *Solandra*, Fabr.

8. *Melanitis Gokala*.

Melanitis Gokala, Moore, *Cat. Lep. Mus. East-Ind. Comp.*
 p. 224. n. 468 (1857).

Canara (Moore).

9. *Melanitis Gerdrudtus*.

Papilio Gerdrudtus, Fabricius, *Ent. Syst.* iii. pt. 1. p. 72. n. 224
 (1793).

Cyllo? Gerdrutius, *Westwood in Gen. Diurn. Lepid.* p. 361.
n. 4 (1851).

Hab. —?

Appears to be a variety of *Leda*; but in some respects it appears to approach more nearly to *Vamana*.

10. *Melanitis Aswa*.

Cyllo Aswa, *F. Moore, Proc. Zool. Soc. London*, p. 769 (1865).

North-eastern Bengal (Moore).

11. *Melanitis Gnophodes*, sp. nov. Pl. II. fig. 1.

♂ ♀. Alæ supra velut in *Gnophode (Parmeno)* coloratæ, subtus variantes, coloribus *Phedimæ* vel *Banksiæ*.

Exp. alar. unc. $3\frac{3}{16}$ — $3\frac{5}{16}$.

India.

B.M.

The male of this species resembles *Gnophodes Parmeno* on the upper-side; the female has a brighter orange band, and resembles the Natal form of the same insect. It may possibly be a link between the two genera, though a true *Melanitis*.

Subgenus 1. HIPIO, *Hübner* (1816).

Typical Species *Hipio Constantia*.

1. *Hipio Constantia*.

Papilio Constantia, *Cramer, Pap. Exot.* ii. pl. 133. figs. A, B (1779).

Hipio Constantia, *Hübner, Verz. bek. Schmett.* p. 56. n. 537 (1816).

Satyrus Constantia, *Godart, Enc. Méth.* ix. p. 477 (1819).

Cyllo Constantia, *Boisduval, Voy. de l'Astrolabe, Ent.* pt. 1. p. 141. n. 2 (1832).

Amboyna (Boisduval), Northern India (Westwood), Darjeeling (Moore).

Not in the Collection of the British Museum, as stated by Westwood, but in the Collection of F. Moore.

2. *Hipio Crameri*.

Cyllo Crameri, *Butler, Ent. Month. Mag.* iii. p. 77. n. 4 (1866).

Locality not known.

B.M.

Allied to *Constantia*, but differing in form, size, and the number and position of the ocelli.

3. *Hipio amabilis*.

Cyllo amabilis, *Boisduval, Voy. de l'Astrolabe, Entom.* pt. 1. p. 140, pl. 2. figs. 1, 2 (1832).

New Ireland (Boisduval).

Allied to the preceding species, but of a slightly different form, a white band instead of a yellow one in the front wings, a white subapical spot on the underside, instead of an unequally geminate ocellus; the ocelli of the hind wings blue, and five instead of four in number.

4. *Hipio Atrax*.

Cyllo Atrax, *Felder, Lep. Nov. Ins. Philipp. in Lep. Diagn.*
p. 42. n. 94 (*Wien. Monats.* v. 1861).

Luzon (Coll. Semper), Burias, Locban (Coll. Felder). B.M.

5. *Hipio* ? *velutina*.

Cyllo velutina, *Felder, Reise der Fregatte Novara*, iii. p. 463.
n. 784 (1867).

Celebes (Felder).

According to Felder, this belongs to the *Constantia* group; it does not, however, seem to be banded above.

The following species seems almost distinct enough to form a new genus; it appears to come near the genus *Elymnias* (*Eurytelidæ*) in several respects. The concave form of the discocellulars of the front wings, the more wedge-shaped hind-wing cell, the violet colouring of the upperside, and the large silky dark patch in the front wings are sufficient characters to warrant its separation from *Melanitis*. I have, however, separated it as a subgenus under the name of *Cyllogenes*.

Subgenus 2. CYLLOGENES, *Butler* (1868).

1. *Cyllogenes Suradeva*.

Melanitis Suradeva, *Moore, Cat. Lep. Mus. East-Ind. Comp.* i.
p. 225. n. 469 (1857).

Darjeeling (Moore), Northern India. B.M.

Genus 3. GNOPHODES, *Westwood* (1851).

Typical Species *Gnophodes Parmeno*.

1. *Gnophodes Parmeno*.

Gnophodes Parmeno, *Hewitson in Gen. Diurn. Lepid.* p. 363.
n. 1, pl. 61. fig. 2 (1851).

Gnophodes Parmeus, *Chenu, Enc. d'Hist. Nat. Pap.* fig. 294
(1851-57).

Sierra Leone, Ashanti. B.M.

Local form. *Gnophodes Parmeno*, *Trimen, Rhop. Afric. Austral.*
p. 190. n. 107 (1866).

Port Natal. B.M.

2. *Gnophodes Morpena*, *Westwood in litt.*

Alæ supra picæ, fascia subapicali ferruginea: posticæ maris macula magna ovali subcostali alba velut in speciebus *Euplœæ*.

Alæ subtus violaceo-fuscæ, ochreo variegatæ, punctis ocellaribus, anticis quinque, posticis septem, ad plicas positis, ochreis, extus fusco einctis, iride brunnea indistincta; fascia tenui lunulata ferruginea discali; maculis permagnis costalibus irregularibus ochreis anticis quatuor, posticis tribus; cella posticarum area externa albido rorata, in medio a fascia abbreviata nigrescente secta.

Exp. alar. unc. 3.

Congo, Ashanti.

♂ ♀, B.M.

The specimens of this species differ a little in the colouring of the underside, the ochreous colour giving place to pale olive.

3. *Gnophodes Betsimena*.

Cyllo Betsimena, *Boisduval, Fauna Ent. de Madag.* p. 58. n. 1 (1833); also of *Westwood* (1851).

Tamatave (Boisduval), Ashanti.

♀, B.M.

Seems to be allied to *Parmeno*, but with a pale whitish-yellow band.

Genus 4. AMPHIDECTA, *Butler* (1867).

Typical Species *Amphidecta pignerator*.

1. *Amphidecta pignerator*.

Amphidecta pignerator, *Butler, Ann. & Mag. Nat. Hist.* xx. p. 405, pl. 9. fig. 11 (1867).

Ega.

Coll. Bates.

This curiously formed species is evidently closely allied to the species of the genus *Taygetis*.

Genus 5. TAYGETIS, *Hübner* (1816).

Typical Species *Taygetis Virgilia*.

1. *Taygetis Mermeria*.

♀. *Papilio Mermeria*, *Cramer, Pap. Exot.* i. pl. 96. fig. B (1799); *Stoll, Suppl.* pl. 7. figs. 1, 1 a (transformations) (1787-91).

? *Satyrus Mermeria*, *Godart, Enc. Méth.* ix. p. 485. n. 23 (1819).
Taygetis Mermeria, *Hübner, Verz. bek. Schmett.* p. 55. n. 531 (1816).

Brazil, St. Paulo.

♀, B.M.

♂. *Local form.* *Pap. Mermeria*, *Cramer, Pap. Exot.* iii. pl. 289. figs. E, F (1782).

♀. *Taygetis Mermeria*, *Hübner, Samml. exot. Schmett.* ii. pl. 84. figs. 1, 2 (1806).

Rio Janeiro.

♂ ♀, B.M.

Var. Alæ subtus violaceo-fuscescentes.

Bolivia.

♂, B.M.

Local form. Faunus tenebrosus, Blanchard in Voy. d'Orbigny,
p. 222, pl. 32. figs. 1, 2 (1847).

Ega.

♂, B.M.

Very like the preceding form, but with smaller ocellate spots on the underside of the front wings.

Local form. Alæ supra ochraceæ violaceo tinctæ, subtus multo pallidiores; ocellis fasciisque olivaceo-fuscis; fascia media posticarum purpurascente.

Nicaragua.

♀, B.M.

2. *Taygetis excavata*, sp. nov. Pl. I. fig. 1.

♂. Alæ supra olivaceo-fuscae, ad margines paulum obscuriores: anticæ apice acute producto: posticæ margine anali externo valde excavato; fere ut in *T. Celia*, Cramer.

Alæ subtus rufo-ferrugineæ, velut in *Mermeria* fasciatæ et ocellatæ, fascia media posticarum virescente; area basali anticarum fuscescente, angulo anali albicante.

Exp. alar. unc. $3\frac{1}{2}$.

Honduras.

♂, B.M.

This may be only an extreme form of *Mermeria*. It most nearly approaches the variety figured by Blanchard under the name of *tenebrosus*, but it differs in the deep sinuations in the anal margin of the hind wings and in its much more gorgeous colouring below.

3. *Taygetis armillata*, sp. nov. Pl. I. fig. 3.

♂. Alæ supra olivaceo-fuscae obscuræ, margine externo obscuriore, ciliis pallidis: posticæ margine anali excavato.

Alæ subtus pallidiores: anticæ area apicali fuscescente, nitente; area interna olivacea; costa trifasciolata fasciis pallidis ochraceis, apud marginem externum ocellis quinque indistinctis regularibus roseo roratis; margine externo atomis albidis angulariter submarginato: posticæ cinereo-nigræ nitentes, roseo roratæ; fasciola subbasali ochreo-fusea convexa; fascia discali tenui, medio angulata, nigra, atomis albidis extus marginata, ocellis sex contiguis regularibus roseis nigro roratis, ochreo pupillatis, anali geminato; margine externo albedo rorato et submarginato; apice aliquando roseo.

Exp. alar. unc. $3\frac{2}{5}$.

Bogota, var. Bolivia.

B.M.

Intermediate between *Mermeria* and *Chelys*.

4. *Taygetis Celia*.

Papilio Celia, Cramer, Pap. Exot. iii. pl. 242. fig. C (1782).

Taygetis Celia, Hübner, Verz. bek. Schmett. p. 56. n. 533 (1816).

Surinam (Cramer), Brazil.

B.M.

There is one very faded specimen of this species in the Collection.

5. *Taygetis Chelys*.

Papilio Chelys, *Fabricius, Ent. Syst.* iii. pt. 1. p. 80. n. 249 (1793).

Satyrus Chelys, *Godart, Enc. Méth.* ix. p. 484. n. 21 (1819).

Taygetis Chelys, *Westwood in Gen. Diurn. Lepid.* p. 356. n. 3 (1851).

Brazil.

♂, B.M.

Var. *Alæ posticæ subtus fascia obscuriore castaneo-fusca subcostali.*

Brazil.

♂ ♀, B.M.

6. *Taygetis Ypthima*.

Taygetis Ypthima, *Hübner, Samml. exot. Schmett.* ii. pl. 83. figs. 3, 4 (1806).

Brazil.

This species seems to be very closely allied to *Chelys*. There are no specimens of it in the Collection.

7. *Taygetis Larua*.

Taygetis Larua, *Felder, Reise der Fregatte Novara*, iii. p. 466. n. 790 (1867).

New Granada, Bogota (Felder).

This seems very close to *T. Ypthima*.

8. *Taygetis nympha*, sp. nov. Pl. I. fig. 7.

Alæ forma fere *Chelydis*; supra olivaceo-fuscæ, maris obscuriores linea submarginali nigrescente subintegra; marginibus roseo tinetis.

Alæ subtus pallidiores, lineis tribus, ocellisque fere velut in *Virgilia*, sed multo magis irregularibus; linea submarginali inter venas bidentata: *alæ* maris velut in *Virgilia* roseo suffusæ, ocellis brunneis: *alæ* feminæ pallidæ area discali pallidiore; linea media intus fusciscente, extus albicante.

Exp. alar. ♂ unc. 3, ♀ unc. $3\frac{1}{8}$.

Honduras.

♂ ♀, B.M.

Intermediate between *Chelys* and *Virgilia*.

9. *Taygetis Virgilia*.

♀. *Papilio Virgilia*, *Cramer, Pap. Exot.* i. pl. 96. fig. C (1779).

Taygetis Virgilia, *Hübner, Verz. bek. Schmett.* p. 55. n. 529 (1816).

♂. *Var.* *Papilio Rebecca*, *Fabricius, Ent. Syst.* iii. pt. 1. p. 75. n. 236 (1793).

Satyrus Rebecca, *Godart, Enc. Méth.* ix. p. 484. n. 22 (1819).

Taygetis Rebecca, *Westwood in Gen. Diurn. Lepid.* p. 357. n. 4 (1851).

Para, Brazil, Pernambuco, Venezuela.

B.M.

The female of what appears to be the typical *Rebecca* has the hind wings on the upperside distinctly margined with ferruginous; in the true *Virgilia* this colouring almost entirely disappears, and the colours of the underside become brighter.

10. *Taygetis nymphosa*, sp. nov. Pl. I. fig. 6.

♂. Alæ supra olivaceo-fuscae, forma fere *Virgilæ*, posticæ autem margine anali magis sinuato.

Alæ subtus pallidiores, lineis fere velut in *Virgilia*, discali autem ad marginem externum magis approximante, et linea submarginali, inter venas distincte bidentatæ; area tota apicali multo pallidiore, linea discali extus albido marginata; ocellis parvis, secundo, quinto et sexto posticarum nigris; aliter velut in *Virgilia*.

Exp. alar. unc. $2\frac{11}{16}$.

Bolivia.

B.M.

Closely allied to *nympha* and *Virgilia*, but quite distinct.

11. *Taygetis Chrysogone*.

Taygetis Chrysogone, *Hewitson in Gen. Diurn. Lepid.* p. 357. n. 11, pl. 60. fig. 4 (1851).

Venezuela, Bogota.

B.M.

12. *Taygetis erubescens*, sp. nov. Pl. I. fig. 2.

♂. Alæ supra velut in *Virgilia*; subtus roseo suffusæ et olivaceo hic illic oratæ; area interna anticarum olivaceo suffusa; area basali posticarum ferruginosa; fascia lata communi irregulari media pruneo-ferruginea, nigro utrinque marginata, fusco varia, maculam magnam ferrugineam ovalem ad cellæ anticarum finem, alteramque in cella posticarum, includente; ocellis velut in *Virgilia*, magis autem ad fasciam mediam approximantibus; margine externo velut in *Virgilia*.

Exp. alar. unc. $3\frac{1}{8}$.

Bogota.

B.M.

Probably a local form of *Virgilia*, but in the form of its wings more like *Chrysogone*. The central band of the underside differs from that of *Virgilia*, the subbasal line being much more convex and the discal line irregularly undulated and less distinctly margined with pinky white.

13. *Taygetis Echo*.

Papilio Echo, *Cramer, Pap. Exot.* i. pl. 57. figs. C, D (1779):
Fabricius, Spec. Ins. t. ii. p. 91. n. 399 (1781).

Taygetis Echo, *Westwood in Gen. Diurn. Lepid.* p. 357. n. 8 (1851).

Satyrus Betro, *Godart, Enc. Méth.* ix. p. 484. n. 20 (1819).

Hætera (Antirrhaea) (sic) Betro, *Westwood in Gen. Diurn. Lepid.* p. 366. n. 13 (1851).

Surinam (Cramer), Brazil, Ega.

B.M.

14. *Taygetis Cleopatra*.

Taygetis Cleopatra, *Felder, Wien. ent. Monatsch.* (1862).

Rio Negro and near Bahia (Felder), Brazil?

B.M.

Possibly this may prove to be nothing more than an extreme form of *Andromeda*, with which it is partially connected by the *Laches* of Fabricius.

T. CLEOPATRA, var. Alæ subtus area basali lilacino suffusa.

Brazil?

B.M.

15. *Taygetis Sylvia*.

Taygetis Sylvia, *H. W. Bates, Ent. Month. Mag.* iii. p. 153. n. 110 (1866).

Panama and Upper Amazons.

This seems, from the description, to be intermediate between *Cleopatra* and *Andromeda*. The ocelli of the hind wings seem to be as in Para specimens of the latter species. Mr. Bates says that it "resembles the smaller and more clearly marked individuals of *T. Andromeda*; but the fore-wing outer border of *T. Andromeda* is always angulated near the apex." It appears to differ also in the uniform brown colour of the base of the wings on the underside.

16. *Taygetis Andromeda*.

Papilio Andromeda, *Cramer, Pap. Exot.* i. pl. 96. fig. A (1779).

Satyrus Andromeda, *E. Doubleday, List Lep. Brit. Mus.* p. 119. Fam. ix. (1844).

Taygetis Andromeda, *Westwood in Gen. Diurn. Lepid.* p. 357. n. 5 (1851).

Taygetis fatiua, *Hubner, Verz. bek. Schmett.* p. 56. n. 532 (1816).

Santa Lucia, Bogota, Venezuela, Para.

B.M.

Var. *a*. Alæ subtus area apicali ochreo variegata; ocellis apicalibus omnibus ochraceis.

Brazil, Nicaragua.

B.M.

Var. *b*. Alæ anticæ margine externo magis undato, apice distincte angulato; ocellis subtus obscurioribus fuscis; fasciis latioribus, externa posticarum medio magis angulata; alæ omnes lilacinæ.

Venezuela.

B.M.

TAYGETIS LACHES.

Papilio Laches, *Fabricius, Ent. Syst.* iii. pt. 1. p. 229. n. 719 (1793).

Satyrus Laches, *Godart, Enc. Méth.* ix. p. 485. n. 24 (1819).

Oreas marmorea Thamyra (part.), *Hübner, Samml. exot. Schmett.* i. pl. 88. figs. 3, 4 (1806).

Para.

♀, B.M.

I am convinced, from a careful comparison of our specimens with Hübner's figures, that he has figured two distinct insects as sexes of *Thamyra*. The female figure appears to have been in a measure assimilated to that of the male, yet, notwithstanding, the difference in the ground-colour of the upperside and in the form of the central bands of the underside is at once apparent. The sexes of *Andromeda* do not thus differ, and I therefore conclude that the insects figured are distinct.

17. *Taygetis Thamyra*.

Papilio Thamyra, *Cramer, Pap. Exot.* iii. pl. 242. fig. B (1782).

Oreas marmorea Thamyra (part.), *Hübner, Samml. exot. Schmett.* i. pl. 88. figs. 1, 2 (not good) (1806).

Taygetis Thamyra, *Hübner, Verz. bek. Schmett.* p. 55. n. 530 (1816).

Brazil, Ega.

♂, B.M.

This insect, though it comes near *Laches*, must, I think, be considered a distinct species; the deep pitchy colouring of the upperside, the shorter and more rounded form of the hind wings, the deeper colouring of the underside, the outer band of the hind wings angulated and placed much nearer to the middle of the wing, and the more regular ocelli with ochre-tinted pupils readily separate it from all the varieties of *Andromeda*.

18. *Taygetis calliomma*.

Taygetis calliomma, *Felder, Wien. entom. Monatschr.* (1862); *Diagn. Lepid.* p. 48. n. 140; *Nov. Voy.* iii. tab. 66. fig. 7 (1867).

Bogota.

19. *Taygetis albinotata*.

Taygetis albinotata, *Butler, Ann. & Mag. Nat. Hist.* xx. 3rd ser. p. 216, pl. 4. figs. 6, 7 (1867).

Bolivia.

B.M.

This species is one of the most distinct and beautiful forms in the genus; we only have one specimen, in bad condition.

20. *Taygetis satyrina*.

Taygetis satyrina, *H. W. Bates, Ent. Month. Mag.* i. p. 179.
n. 72 (1865).

Guatemala (central valleys).

“Not closely allied to any other known species of the genus”
(Bates in *Ent. Mag.*).

21. *Taygetis inornata*.

Taygetis inornata, *Felder, Reise der Fregatte Novara*, iii. p. 466.
n. 792 (1867).

New Granada, Bogota (Felder).

“Belongs to the *Valentina* group; is the size of *Marpessa*.”

22. *Taygetis Valentina*.

Papilio Valentina, *Cramer, Pap. Exot.* iii. pl. 242. fig. A (1782).

Satyrus Valentina, *Godart, Enc. Méth.* ix. p. 486. n. 26 (1851).

Surinam (Cramer), Cayenne.

B.M.

Appears to be intermediate between *Andromeda* and *Penelea*.

23. *Taygetis Penelea*.

♀. *Papilio Penelea*, *Cramer, Pap. Exot.* ii. pl. 101. fig. G (1779);
also of *Fabricius* (1788).

Satyrus Penelea, *Godart, Enc. Méth.* ix. p. 486. n. 28 (1819).

Bogota, Santa Lucia, Venezuela.

B.M.

24. *Taygetis Marpessa*.

Debis *Marpessa*, *Hewitson, Exot. Butterf.* iii. p. 73, pl. 37.
fig. 2 (1862); *Taygetis Marpessa* (corrections).

Amazon (Hewitson).

25. *Taygetis neonympha*.

Taygetis neonympha, *Felder, Reise der Fregatte Novara*, iii.
p. 467. n. 793 (1867).

New Granada, Bogota (Felder).

“Somewhat resembles *Euptychia* (*neonympha*) *Antonina*,” *Felder*.

26. *Taygetis Euptychidia*, sp. nov. Pl. I. fig. 5.

♂. Alæ forma *Euptychiæ* (*Libye*); supra olivaceæ marginibus paulum roseo tinctæ, linea submarginali valde indistincta undata, altera marginali et margine ipso fuscis.

Alæ subtus olivaceæ multo pallidiores, violaceo tinctæ, lineis tribus communibus nigris valde irregularibus sinuatis et dentatis, media subobliqua; linea marginali et margine ipso fuscis; puncto ad cellæ anticarum finem, altero lineam subbasalem extus attingente, ochreis;

linea discali posticarum extus griseo nebulosa: anticæ ocellis quinque, secundo et quinto nigris, tertio et quarto ochraceis ochreo pupillatis, aliis albo pupillatis: posticæ ocellis quinque similibus, sed quinto maximo.

Exp. alar. unc $2\frac{5}{16}$.

Brazil, Para.

B.M.

A local form of *T. Valentina*.

27. *Taygetis anophthalma*.

Taygetis anophthalma, *Felder, Reise der Fregatte Novara*, iii. p. 467. n. 794 (1867).

New Granada, Bogota (Felder).

"The smallest known species of *Taygetis*, in the form of its wings very like *T. neonympha*, but differing in the convex outer margin of the front wing and the shorter hind wing, in appearance resembling the *Erebice*. The palpi have longer cirri, and the wings are more deeply fringed."

Genus 6. EUPTYCHIA, *Hübner* (1816).

Typical species *Euptychia Herse*.

Section MEGISTO, *Hübner* (1816).

Typical species *Megisto* (*Cymela*) *Eurytus*.

1. *Euptychia Ocirrhoë*.

Papilio Ocirrhoë, *Fabricius, Gen. Ins.* p. 260 (1776); *Ent. Syst.* iii. pt. 1. p. 96. n. 297 (1793).

Euptychia Ocirrhoë, *Westwood in Gen. Diurn. Lepid.* p. 373. n. 1 (1851).

Oreas (*strigata*) *Ocyrrhoë*, *Hübner, Samml. exot. Schmett.* i. pl. 85. figs. 1-4 (1806).

Euptychia Ocyrrhoë, *Hübner, Verz. bek. Schmett.* p. 54. n. 505 (1816).

Satyrus Ocyrrhoë, *Godart, Enc. Méth.* ix. pp. 464 & 489. n. 41 (1819).

Papilio Hesione, *Sulzer, Gesch. der Insekt.* p. 144, t. 17. figs. 3, 4 (1776).

Papilio Cissia, *Cramer, Pap. Exot.* iii. p. 3, pl. 194. figs. D, E (1782).

Euptychia Cissia, *E. Doubleday, List Lep. Brit. Mus.* i. p. 122 (1844).

Panama, Brazil, Honduras, Caraccas.

B.M.

Var. 1 *a.* *Butler, Monog. Proc. Zool. Soc.* p. 459 (1866).

Poloche Valley, Guatemala.

Coll. Salvin.

Var. 2 *b.* *Bul. ibid.* *Calpurnia, Feld.* ?

Obydos (Coll. Bates), Panama.

B.M.

2. Euptychia Lydia.

Papilio Lydia, *Cramer, Pap. Exot.* ii. pl. 148. figs. C, D (1779),
but not of *Fabricius, Ent. Syst.*

Euptychia Lydia, *Hübner, Verz. bek. Schmett.* p. 54. n. 510
(1816); also of *Westwood* (*Ocirrhoë*, ♀ ?), *Butler* (1866).

Satyrus Lydius, *Godart, Enc. Méth.* ix. pp. 464 & 489. n. 40
(1819).

Surinam (*Cramer*).

3. Euptychia Calpurnia.

Neonympha Calpurnia, *Felder, Reise der Fregatte Novara*, iii.
p. 484. n. 836 (1867).

Cayenne (*Felder*).

I think this must be identical with my *Ocirrhoë*, var. 1 b, received
lately from Peru, but without the subanal spot on the upperside
of the hind wings. It may be a distinct species.

4. Euptychia Ocypete.

Papilio Ocypete, *Fabricius, Gen. Ins. Mant.* p. 260 (1776);
Ent. Syst. iii. pt. 1. p. 96. n. 296 (1793).

Euptychia Ocypete, *Hübner, Verz. bek. Schmett.* p. 54, n. 506
(1816).

Satyrus Ocypete, *Godart, Enc. Méth.* ix. pp. 463 & 488. n. 34
(1819).

Surinam (*Fabricius*). Var. Para.

B.M.

EUPTYCHIA TARENTIA.

Neonympha Terentia, *Felder, Reise der Novara*, iii. p. 483.
n. 833 (1867).

E. Ocypete, var., *Butler, Monog. Proc. Zool. Soc.* p. 460 (1866).

Cayenne (*Felder*), Venezuela, Para, Tapajos (*Coll. Bates*). B.M.

5. Euptychia Helle.

Papilio Helle, *Cramer, Pap. Exot.* iii. pl. 194. figs. F, G (1782).

Papilio Ocypete, (*synonym*) *Fabricius*; Eupt. Ocyp. (*syn.*) *West-wood*.

Surinam (*Cramer*).

Var. *Butl. Monog. Proc. Zool. Soc.* p. 460 (1866).

Brazil, Para.

B.M.

6. Euptychia Myncea.

Papilio Myncea, *Cramer, Pap. Exot.* iv. pl. 193. fig. C (1782).

Euptychia Myncea, *Hübner, Verz. bek. Schmett.* p. 54. n. 516
(1816).

Satyrus Myncea, *Godart, Enc. Méth.* ix. pp. 463 & 488. n. 36
(1819).

- Neonympha clerica, *Herrich-Schäffer, Lep. Ind. Syst.* (1864).
 Brazil. B.M.
- Var. *a.* *Butler, Monog. Proc. Zool. Soc.* p. 461 (1866).
 Para. B.M.
- Var. *b.* *Butl. ibid.*
 Para. Coll. Bates.
- Var. *c.* *Butl. ibid.*
 Honduras. B.M.
7. **Euptychia Palladia.**
Euptychia Palladia, Butler, Proc. Zool. Soc. p. 461, pl. 39. fig. 21
 (1866).
 Tapajos. Coll. Bates.
8. **Euptychia terrestris.**
Euptychia terrestris, Butler, Proc. Zool. Soc. p. 462, pl. 39. fig. 1
 (1866).
 Brazil, Para. B.M.
- Var. *Butl. ibid.*
 Lower Amazons. Coll. Bates.
9. **Euptychia Clarissa.**
Papilio Clarissa, Cramer, Pap. Exot. iv. pl. 293. figs. D, E (1782).
Euptychia Clarissa, Hübnér, Verz. bek. Schmett. p. 54. n. 503
 (1816).
Papilio Penelope, Fabricius, Ent. Syst. iii. pt. 1. p. 96. n. 298
 (1793).
Satyrus Penelope, Godart, Enc. Méth. ix. pp. 463 & 496. n. 39
 (1819).
 Brazil, Para. B.M.
10. **Euptychia Camerta.**
Papilio Camerta, Cramer, Pap. Exot. iv. pl. 293. fig. F (1782).
Neonympha Camerta, Westwood in Gen. Diurn. Lepid. p. 375.
 n. 3 (1851).
 Surinam (Cramer).
11. **Euptychia Themis.**
Euptychia Themis, Butler, Suppl. Monog. Proc. Zool. Soc. p. 104.
 n. 1, pl. 12. fig. 13 (1867).
 Hab. — ? Coll. Hewitson.

12. **Euptychia usitata.**

Euptychia usitata, *Butler, Monog. Proc. Zool. Soc.* p. 463. n. 11,
pl. 39. fig. 2 (1866).

Venezuela. B.M.

Var. *a. Butl. ibid.*

Venezuela. B.M.

Var. *b. Butl. ibid.*

Polochie Valley, Guatemala. Coll. Salvin.

13. **Euptychia similis.**

Euptychia similis, *Butler, Monog. Proc. Zool. Soc.* p. 463. n. 12
(1866).

Guatemala. Coll. Salvin.

Var. *Butl. ibid.*, and pl. 12. fig. 10 (1867).

Nicaragua. B.M.

14. **Euptychia Pieria.**

Euptychia Pieria, *Butler, Monog. Proc. Zool. Soc.* p. 463. n. 13,
pl. 39. fig. 3 (1866).

Honduras. B.M.

15. **Euptychia austera.**

Euptychia austera, *Butler, Monog. Proc. Zool. Soc.* p. 464. n. 14,
pl. 39. fig. 4 (1866).

Bogota. B.M.

16. **Euptychia divergens.**

Euptychia divergens, *Butler, Monog. Proc. Zool. Soc.* p. 464.
n. 14, pl. 40. fig. 3 (1866).

Rio Negro. Colls. Bates & Salvin.

17. **Euptychia Eurytus.**

Papilio Eurytus, *Fabricius, Syst. Ent.* p. 487. n. 194 (1775-
78).

Euptychia Eurytus, *Butler, Proc. Zool. Soc.* p. 465. n. 16 (1866).

Papilio Eurytris, *Fabricius, Ent. Syst.* iii. pt. 1. p. 157. n. 485
(1793).

Neonympha Eurytris, *Westwood in Gen. Diurn. Lepid.* p. 357.
n. 1 (1851).

Satyrus Eurythris, *Godart, Enc. Méth.* ix. pp. 465 & 495. n. 57
(1819); also of *Boisduval & Leconte*.

Papilio Cymela, *Cramer, Pap. Exot.* ii. pl. 132. figs. C, D (1779).

Megisto Cymelia, *Hübner, Verz. bek. Schmett.* p. 54. n. 517
(1816).

United States. B.M.

18. **Euptychia Periphas.**

Satyrus Periphas, *Godart, Enc. Méth.* ix. pp. 465 & 495. n. 62 (1819).

Neonympha Periphas, *Westwood in Gen. Diurn. Lepid.* p. 375. n. 5 (1851).

Euptychia Periphas, *Butler, Proc. Zool. Soc.* p. 465. n. 17 (1866), pl. 12. fig. 16 (1867).

Brazil.

Coll. Hewitson.

19. **Euptychia Lethe.**

Euptychia Lethe, *Butler, Monog. Proc. Zool. Soc.* p. 465. n. 18 (1866), pl. 12. fig. 1 (1867).

Venezuela.

B.M.

20. **Euptychia perfuscata**, sp. nov.

♂. Alæ supra olivaceo-fuscae, stria marginali subintegra, altera angulis alternis undata submarginali fuscis; margine ipso nigro.

Alæ subtus pallidiores violaceo leviter tinctæ atomis ochreis omnino roratae; striis duabus mediis subintegræ obliquis leviter undulatis fuscis; interna anticarum introrsum directa, lineis marginalibus velut supra nigris; fascia nebulosa discali ocellos includente abbreviata: alæ anticae ocellis quatuor regularibus, tertio paulum majore, primo et quarto nigris minoribus argenteo unipupillatis, aliis bipupillatis, omnibus fulvo cinetis; alæ posticae ocellis quinque, primo minimo, secundo unipupillato; tertio et quarto fuscis, aliis nigris argenteo bipupillatis, omnibus distincte fulvo cinetis; ocello minimo interno-anali, aliquando geminato, nigro.

Exp. alar. unc. $1\frac{3}{4}$.

Brazil, Para.

B.M.

21. **Euptychia Erigone.**

Euptychia Erigone (E. Mæpius, var. ?), *Butler, Proc. Zool. Soc.* p. 466. n. 20 (1866).

St. Paulo.

B.M.

Var. *Butl. ibid.*

Brazil, Ega.

Coll. Bates.

22. **Euptychia argyrospila.**

Euptychia argyrospila, *Butler, Proc. Zool. Soc.* p. 467. n. 21 (1866), pl. 11. fig. 12 (1867).

Brazil, Ega.

Coll. Bates.

23. **Euptychia Crantor.**

Papilio Crantor, *Fabricius, Ent. Syst.* iii. pt. 1. p. 158. n. 489 (1793); *Donovan, Ins. India*, pl. 37. fig. 4 (1800).

Satyrus Crantor, *Godart, Enc. Méth.* ix. p. 488. n. 37 (1819).

Euptychia Crantor, *Westwood in Gen. Diurn. Lepid.* p. 373. n. 7 (1851).

Hab. — ?

24. ***Euptychia Ocnus.***

Euptychia Ocnus, *Butler, Proc. Zool. Soc.* p. 467. n. 23 (1866), pl. 11. fig. 8 (1867).

Tapajos (Coll. Bates), Villa Nova. B.M.

25. ***Euptychia Eriphule.***

Euptychia Eriphule, *Butler, Proc. Zool. Soc.* p. 468. n. 24. pl. 39. fig. 6 (1866).

Pernambuco. B.M.

26. ***Euptychia Celmis.***

Satyrus Celmis, *Godart, Ent. Méth.* ix. pp. 463 & 489. n. 38 (1819).

Euptychia Celmis, *Westwood in Gen. Diurn. Lepid.* p. 374. n. 26 (1851); *Butler, descr.* (1866).

Brazil (Godart).

27. ***Euptychia Electra.***

Euptychia Electra (*E. Celmis*, var. ??), *Butler, Proc. Zool. Soc.* p. 468. n. 26, pl. 39. fig. 7 (1866).

Bahia. B.M.

28. ***Euptychia variabilis.***

Euptychia variabilis, *Butler, Proc. Zool. Soc.* p. 469. n. 27, pl. 39. fig. 8 (1866).

Pernambuco, Rio Janeiro. B.M.

Var. *Butler, ibid.*

Rio Janeiro. B.M.

29. ***Euptychia angularis.***

Euptychia angularis, *Butler, Proc. Zool. Soc.* p. 106. n. 4, pl. 12. fig. 8 (1867).

Minas Geraes, Brazil. Coll. Hewitson.

30. ***Euptychia straminea.***

Euptychia straminea, *Butler, Proc. Zool. Soc.* p. 106. n. 3, pl. 12. fig. 9 (1867).

Minas Geraes, Brazil. Coll. Hewitson.

31. **Euptychia affinis.**

Euptychia affinis, *Butler, Proc. Zool. Soc.* p. 469. n. 30, pl. 39. fig. 9 (1866).

Pernambuco, Rio Janeiro.

B.M.

32. **Euptychia vestigiata.**

Euptychia vestigiata, *Butler, Proc. Zool. Soc.* p. 105. n. 2, pl. 12. fig. 17 (1867).

Minas Geraes, Brazil.

Coll. Hewitson.

33. **Euptychia Pimpla.**

Neonympha Pimpla, *Felder, Wien. ent. Monatschr.* vi. p. 177. n. 156 (1862).

Euptychia Pimpla, *Butler, Monog. Proc. Zool. Soc.* p. 470. n. 32 (1866).

Rio Negro, New Granada (Felder).

34. **Euptychia renata.**

Papilio renata, *Cramer, Pap. Exot.* iv. pl. 326. fig. A (1782).

Mycalesis ? renata, *Westwood in Gen. Diurn. Lepid.* p. 394. n. 13 (1851).

Neonympha renata, *Herrich-Schäffer, Lep. Ind. Syst.* (1864).

Euptychia renata, *Butler, Proc. Zool. Soc.* p. 470. n. 33 (1866).

Surinam (Cramer), Rio Janeiro.

B.M.

Var. *a.* *E. Pimpla*, var., *Felder, Wien. ent. Monatschr.* vi. p. 177. n. 156 (1862). *E. renata*, var., *Butl.* (1866).

Var. *b.* *Butler, Proc. Zool. Soc.* p. 470 (1866).

Tocantins River, Brazil.

Coll. Salvin.

35. **Euptychia Phronius.**

Satyrus Phronius, *Godart, Enc. Méth.* ix. pp. 466 & 496. n. 65 (1819).

Neonympha Phronius, *Westwood in Gen. Diurn. Lepid.* p. 376. n. 21 (1851).

Euphyonia Phronius, *Butler, Monog. Proc. Zool. Soc.* p. 470. n. 34 (1866).

Brazil (Godart).

36. **Euptychia Pæon.**

Satyrus Pæon, *Godart, Enc. Méth.* ix. pp. 464 & 498. n. 43 (1819).

Euptychia Pæon, *Westwood in Gen. Diurn. Lepid.* p. 374. n. 23 (1851).

Brazil (Godart).

37. **Euptychia ochracea.**

Euptychia ochracea, *Butler, Proc. Zool. Soc.* p. 107. n. 5,
pl. 11. fig. 5 (1867).

Brazil.

Coll. Hewitson.

38. **Euptychia marmorata.**

Euptychia marmorata, *Butler, Proc. Zool. Soc.* p. 471. n. 37
pl. 40. fig. 1 (1866).

Rio Janeiro.

B.M.

39. **Euptychia Grimon.**

Satyrus Grimon, *Godart, Enc. Méth.* ix. pp. 464 & 490. n. 44
(1819).

Neonympha Grimon, *E. Doubleday, List Lep. Brit. Mus.* App.
p. 33 (1847) ; also of *Westwood* (1851).

Euptychia Grimon, *Butler, Proc. Zool. Soc.* p. 472. n. 39
(1866).

Brazil.

B.M.

40. **Euptychia Argante.**

Papilio Argante, *Cramer, Pap. Exot.* iii. pl. 204. figs. C, D
(1782).

Megisto Argante, *Hübner, Verz. bek. Schmett.* p. 54. n. 518
(1816).

Euptychia Argante, *Westwood in Gen. Diurn. Lepid.* p. 374.
n. 27 (1851).

Satyrus Argulus, *Godart, Enc. Méth.* ix., pp. 463 & 488. n. 35
(1819).

Surinam (*Cramer*).

41. **Euptychia ambigua.**

Euptychia ambigua, *Butler, Proc. Zool. Soc.* p. 472. n. 41,
pl. 39. fig. 10 (1866).

Rio Janeiro.

B.M.

42. **Euptychia modesta.**

Euptychia modesta, *Butler, Proc. Zool. Soc.* p. 473. n. 42
(1866), pl. 12. fig. 12 (1867).

Para.

Coll. Bates.

Var. *Butl. ibid.*

Cameta.

Coll. Bates.

43. **Euptychia Huebneri.**

Euptychia Huebneri, *Butler, Proc. Zool. Soc.* p. 473. n. 43, pl. 39. fig. 11 (1866).

Para.

B.M.

44. **Euptychia Galesus.**

Satyrus Galesus, *Godart, Enc. Méth.* ix. pp. 465 & 496. n. 64 (1819).

Neonympha Galesus, *Westwood in Gen. Diurn. Lepid.* p. 376. n. 20 (1819).

Euptychia Galesus, *Butler, descr. Proc. Zool. Soc.* p. 473. n. 44 (1866).

Euptychia Canthe, var., *Herrich-Schäffer, Ind. Syst.* (1864).
Brazil (Godart).

45. **Euptychia Vesper.**

Euptychia Vesper, *Butler, Proc. Zool. Soc.* p. 108. n. 8, pl. 12. fig. 19 (1867).

Hab. — ?

Coll. Hewitson.

46. **Euptychia armilla.**

Euptychia armilla, *Butler, Proc. Zool. Soc.* p. 108. n. 9, pl. 12. fig. 21 (1867).

Minas Geraes, Brazil.

Coll. Hewitson.

47. **Euptychia liturata.**

Euptychia liturata, *Butler, Proc. Zool. Soc.* p. 107. n. 7, pl. 12. fig. 18 (1867).

Hab. — ?

Coll. Hewitson.

48. **Euptychia Sosybius.**

Euptychia Sosybius, *Fabricius, Ent. Syst.* iii. pt. 1. p. 219. n. 684 (1793).

Satyrus Sosybius, *Godart, Enc. Méth.* ix. pp. 465 & 495. n. 63 (1819) ; *Boisduval and Leconte, Icon. Lep. Am. Sept.* 1. pl. 63. figs. 1-4 (metamorph.) (1829).

Neonympha Sosybius, *Westwood in Gen. Diurn. Lepid.* p. 375. n. 2 (1851).

Euptychia Sosybius, *Butler, Proc. Zool. Soc.* p. 474. n. 48 (1866).

East Florida.

♂ ♀, B.M.

49. **Euptychia fallax.**

Neonympha fallax, *Felder, Wien. ent. Monatschr.* vi. p. 177.
n. 157 (1862).

Euptychia fallax, *Butler, Proc. Zool. Soc.* p. 474. n. 49, deser.
(1866).

Rio Negro (Felder), Venezuela. B.M.

Var. *a.* *Butl. ibid.* (1866).

Venezuela. B.M.

Var. *b.* *Butl. ibid.* (1866).

Ega. Coll. Bates.

50. **Euptychia Atalanta.**

Euptychia Atalanta, *Butler, Proc. Zool. Soc.* p. 474. n. 50
pl. 39. fig. 12 (1866).

Venezuela. B.M.

Var. *Bull. ibid.* (1866).

Para. B.M.

51. **Euptychia Hermes.**

Papilio Hermes, *Fabricius, Ent. Syst.* iii. pt. 1. p. 158. n. 486
(1793), but not of *Herbst*.

Satyrus Hermes, var., *Godart, Enc. Méth.* ix. p. 487. n. 33
(part.) (1819).

Neonympha Hermes, *E. Doubleday, List Lep. Brit. Mus.* p. 138
(1844).

Euptychia Hermes, *Butler, Proc. Zool. Soc.* p. 475. n. 51 (1866).

Oreas (strigata) Canthe, *Hübner, Samml. exot. Schmett.* Bd. i.
pl. 87. figs. 1-4 (1806).

Euptychia Canthe, *Westwood in Gen. Diurn. Lepid.* p. 373.
n. 22 (1851).

Pernambuco, Rio Janeiro, Para, Nicaragua, Honduras. B.M.

52. **Euptychia undulata.**

Euptychia undulata, *Butler, Proc. Zool. Soc.* p. 475. n. 52,
pl. 39. fig. 13 (1866).

Para. B.M.

53. **Euptychia binalinea.**

Euptychia binalinea, *Butler, Proc. Zool. Soc.* p. 475. n. 53,
pl. 39. fig. 14 (1866).

Venezuela, Pernambuco. B.M.

54. **Euptychia Poltys.**

Neonympha Poltys, *Prittwitz, Entom. Zeit. herausg. von dem ent. Vereine, Stettin*, p. 311 (1865).

Euptychia Poltys, *Butler, Proc. Zool. Soc.* p. 476. n. 54, descr. (1866).

Corcovado (Prittwitz).

55. **Euptychia Acmenis.**

(*Oreas strigata*) Megisto Acmenis, *Hübner, Samml. exot. Schmett. Zutr.* figs. 233, 234 (1806).

Megisto Acmenis, *Hübner, Verz. bek. Schmett.* p. 54. n. 510 (1816).

Neonympha Acmenis, *Westwood in Gen. Diurn. Lepid.* p. 375. n. 14 (1851).

Euptychia Acmenis, *Butler, Proc. Zool. Soc.* p. 476. n. 55 (1866).

Baltimore (Hübner), Southern States? (Edwards *in litt.*).

56. **Euptychia Eoüs.**

Euptychia Eoüs, *Butler, Proc. Zool. Soc.* p. 477. n. 56, pl. 39. fig. 15 (1866).

Brazil, Para.

B.M.

57. **Euptychia Phares.**

Satyrus Phares, *Godart, Enc. Méth.* ix. pp. 464 & 491. n. 47 (1819).

Neonympha Phares, *Westwood in Gen. Diurn. Lepid.* p. 375. n. 18, pl. 66. fig. 4 (1851).

Euptychia Phares, *Butler, Proc. Zool. Soc.* p. 477. n. 57 (1866).

Brazil, Venezuela.

B.M.

58. **Euptychia Pharella.**

Euptychia Pharella, *Butler, Proc. Zool. Soc.* p. 478. n. 58, pl. 39. fig. 16 (1866).

Rio Janeiro.

B.M.

59. **Euptychia Harmonia.**

Euptychia Harmonia, *Butler, Proc. Zool. Soc.* p. 478. n. 59, pl. 39. fig. 17 (1866).

Quito.

B.M.

60. **Euptychia Epinephele.**

Neonympha Epinephele, *Felder, Reise der Fregatte Novara*, iii. p. 476. n. 817 (1867).

Mexico (Felder).

61. **Euptychia Jovita.**

Neonympha Jovita, *Felder, Reise der Fregatte Novara*, iii.
p. 477. n. 819 (1867).

Bogota (Felder).

This species seems from the description to be nearly allied to *E. Harmonia*.

62. **Euptychia Alcinoë.**

Neonympha Alcinoë, *Felder, Reise der Fregatte Novara*, iii.
p. 477. n. 820 (1867).

Bogota, Venezuela (Felder).

Like the preceding, but constantly larger.

63. **Euptychia Sylvina.**

Neonympha Sylvina, *Felder, Reise der Fregatte Novara*, iii.
p. 478. n. 821 (1867).

Bahia (Felder).

Closely allied to *E. Alcinoë*, Felder. The male from which the description was taken had the discoidal cell longer than in *Alcinoë*. If this was the only distinction, it may have been a malformation.

64. **Euptychia Numeria.**

Neonympha Numeria, *Felder, Reise der Fregatte Novara*, iii.
p. 478. n. 822 (1867).

Bahia (Felder).

Seems chiefly to differ from the preceding in form and size.

65. **Euptychia Numilia.**

Neonympha Numilia, *Felder, Reise der Fregatte Novara*, iii.
p. 478. n. 823 (1867).

Bogota (Felder).

“Not larger than *Phares*. The wings, especially the hind wing, considerably shorter than in the preceding species.”

66. **Euptychia Pompilia.**

Neonympha Pompilia, *Felder, Reise der Fregatte Novara*, iii.
p. 479. n. 824 (1867).

Bogota, Mexico (Felder).

According to Felder, larger than the preceding species, to which it is allied.

67. **Euptychia peloria.**

Neonympha peloria, *Felder, Reise der Fregatte Novara*, iii.
p. 479. n. 825 (1867).

Venezuela (Felder).

"Size and form of wings as in *Sylvina*."

68. **Euptychia Manasses.**

Neonympha Manasses, *Felder, Reise der Fregatte Novara*, iii.
p. 479. n. 826 (1867).

Bahia (Felder).

Larger and broader than the preceding, of which it is probably a variety. If Dr. Felder had given a figure of one of the foregoing species, it would have been much more easy to understand his complex comparative descriptions; but without such aid it is next to impossible to make anything of them.

69. **Euptychia ypthima.**

Neonympha ypthima (*sic*), *Felder, Reise der Fregatte Novara*,
iii. p. 481. n. 830 (1867).

Bahia (Felder).

This insect, according to Dr. Felder, reminds one of the larger species of *Ypthima* in the form of its wings. The description of the species will very nearly fit *E. nebulosa*.

70. **Euptychia Phineus.**

Euptychia Phineus, *Butler, Proc. Zool. Soc.* p. 478. n. 60,
pl. 39. fig. 18 (1866).

Neonympha Eugenia, *Felder, Reise der Fregatte Novara*, iii.
p. 476. n. 818 (1867).

Venezuela.

B.M.

71. **Euptychia nebulosa.**

Euptychia nebulosa, *Butler, Proc. Zool. Soc.* p. 479. n. 61
(1866), pl. 12. fig. 2 (1867).

Venezuela.

B.M.

72. **Euptychia Nossis.**

Euptychia Nossis, *Hewitson, Exot. Butterf.* iii. pl. 49. fig. 1
(1862).

Quito.

Colls. W. W. Saunders and W. C. Hewitson.

73. **Euptychia Pronophila.**

Euptychia Pronophila, *Butler, Proc. Zool. Soc.* p. 107. n. 6,
pl. 12. fig. 20 (1867).

Rio Janeiro.

Coll. Hewitson.

74. Euptychia hilara.

Neonympha hilara, *Felder, Reise der Fregatte Novara*, iii. p. 485. n. 837 (1867).

Bogota (Felder).

The description of this insect seems to come very near indeed to *Mollina*. According to Felder, it differs in being larger and the hind wing not rounded.

75. Euptychia Saturnus.

Euptychia Saturnus, *Butler, Proc. Zool. Soc.* p. 479. n. 64, pl. 39. fig. 19 (1866).

Neonympha Laccine, *Felder, Reise der Novara*, iii. p. 480. n. 828 (1867).

Venezuela, Brazil.

B.M.

76. Euptychia Vesta.

Euptychia Vesta, *Butler, Proc. Zool. Soc.* p. 479. n. 65, pl. 39. fig. 20 (1866).

Neonympha Griphe, *Felder, Reise der Novara*, iii. p. 480. n. 827 (1867).

Bogota (Felder), Venezuela.

B.M.

77. Euptychia Enyo.

Euptychia Enyo, *Butler, Proc. Zool. Soc.* p. 480. n. 66, pl. 39. fig. 22 (1866).

Cuenca.

B.M.

78. Euptychia Mollina.

(*Oreas strigata*) *Euptychia Mollina*, *Hübner, Samml. exot. Schmett. Zuträge*, figs. 105, 106 (1806).

Euptychia Mollina, *E. Doubleday, List. Lep. Brit. Mus.* App. p. 31 (1847).

Euptychia Molina (sic), *Hübner, Verz. bek. Schmett.* p. 54. n. 509 (1816).

Para, Ega.

B.M.

79. Euptychia Westwoodii.

Euptychia Westwoodii, *Butler, Proc. Zool. Soc.* p. 481. n. 68 (1866), pl. 12. fig. 3 (1867).

Neonympha Mollina, *Westwood, Gen. Diurn. Lepid.* p. 375. n. 17 (1851).

Honduras.

B.M.

Var. *Butl. ibid.*

Venezuela, Peru.

B.M.

80. **Euptychia picea.**

Euptychia picea, *Butler, Proc. Zool. Soc.* p. 481. n. 69 (1866),
pl. 12. fig. 6 (1867).

Ega. B.M.

Var. *a.* *Butl. ibid.*

Brazil. B.M.

Var. *b.* *Butl. ibid.*

Tapajos. B.M.

Var. *c.* *Butl. ibid.*

Para. Colls. Salvin and B.M.

81. **Euptychia Mæpius.**

Satyrus Mæpius, *Godart, Enc. Méth.* ix. pp. 464 & 490. n. 45
(1819).

Euptychia Mæpius, *Westwood in Gen. Diurn. Lepid.* p. 373.
n. 21 (1851); *Butler, descr.* (1866).

Guiana (Godart). Coll. Boisduval.

This species is closely allied to *E. picea*. In my monograph of the genus it is considered to be closely allied to *E. Lethe*; but the type in Dr. Boisduval's Collection shows its true position to be as above.

82. **Euptychia Lysidice.**

♂. *Papilio Lysidice*, *Cramer, Pap. Exot.* ii. pl. 169. figs. C, D
(1779); also of *Fabricius*.

(*Oreas strigata*) *Lysidice*, *Hübner, Samml. exot. Schmett.* Bd. i.
pl. 86. figs. 1-4 (1806).

Erycina Lysidice, *Godart, Enc. Méth.* ix. p. 583. n. 92 (1819).

Euptychia Lysidice, *Westwood in Gen. Diurn. Lepid.* p. 373.
n. 12 (1851).

Euptychia Lysidice (sic), *Hübner, Verz. bek. Schmett.* p. 54.
n. 507 (1816).

♀. *Papilio Doris*, *Cramer, Pap. Exot.* i. pl. 8. figs. B, C (1779);
also of *Fabricius* (1793).

Euptychia Doris, *Westwood in Gen. Diurn. Lepid.* p. 373. n. 13
(1851).

Surinam (Cramer), Para, Tapajos, Ega, Nauta, Brazil. B.M.

83. **Euptychia glaucina.**

Euptychia glaucina, *H. W. Bates, Ent. Month. Mag.* i. p. 202.
n. 76 (1865).

Guatemala. Coll. Salvin.

84. **Euptychia ægrota.**

Euptychia agrota, *Butler, Proc. Zool. Soc.* p. 482. n. 72 (1866),
pl. 11. fig. 2 (1867).

Para (♂ ♀, Coll. Hewitson). ♀, B.M.

85. **Euptychia pilata.**

Euptychia pilata, *Butler, Proc. Zool. Soc.* p. 483. n. 73, pl. 40.
fig. 3 (1866).

Ega. B.M.

86. **Euptychia Brixiola.**

Euptychia Brixiola, *Butler, Proc. Zool. Soc.* p. 483. n. 74, pl. 40.
fig. 9 (1866).

Para. Col. Bates.

87. **Euptychia Brixius.**

Satyrus Brixius, *Godart, Enc. Méth.* ix. pp. 464 & 490. n. 42
(1819).

Euptychia Brixius, *Westwood in Gen. Diurn. Lepid.* p. 374.
n. 24 (1851); also *Butl. descr.* (1866).

Brazil (Godart).

88. **Euptychia cœlestis.**

Euptychia cœlestis, *Butler, Proc. Zool. Soc.* p. 484. n. 76, pl. 40
fig. 5 (1866).

Ega. ♂ ♀, B.M.

Var. *Butl. ibid.* (1866). ? *Urania* ♀.

Para. ♀, Coll. Salvin.

89. **Euptychia Urania.**

Euptychia Urania, *Butler, Proc. Zool. Soc.* p. 484. n. 77, pl. 40.
fig. 6 (1866).

Cameta. ♂, Coll. Bates.

90. **Euptychia Lea.**

♀. *Papilio* Lea, *Cramer, Pap. Exot.* ii. pl. 151. figs. C, D
(1779).

Satyrus Lea, *Godart, Enc. Méth.* ix. pp. 464 & 492. n. 50 (1819).

Euptychia Lea, *Westwood in Gen. Diurn. Lepid.* p. 373. n. 17
(1851).

Euptychia Ebusa (part.), *Hübner, Verz. bek. Schmett.* p. 54.
n. 515 (1816).

Surinam (Cramer).

91. **Euptychia Junia.**

Papilio Junia, *Cramer, Pap. Exot.* iv. pl. 292. figs. D, E (1782).

Euptychia Junia, *Hübner, Samml. exot. Schmett. Zuträge*, figs. 627, 628 (1806).

Satyrus Lea (part.), *Godart, Enc. Méth.* ix. p. 492. n. 50 (1819).

Surinam (Cramer), Brazil. ♂, B.M.

Var. *Butler, Proc. Zool. Soc.* p. 485. n. 79 (1866).

Para. ♀, B.M.

92. **Euptychia Philippa.**

Euptychia Philippa, *Butler, Proc. Zool. Soc.* p. 485. n. 80 (1866), pl. 11. fig. 3 (1867).

Ega. ♂ ♀, B.M.

93. **Euptychia Antonoë.**

Papilio Antonoë, *Cramer, Pap. Exot.* i. pl. 59. figs. E, F (1779).

Euptychia Antonoë, *Butler, Proc. Zool. Soc.* p. 486. n. 81 (1866).

Euptychia Hermessa, *Hübner, Verz. bek. Schmett.* p. 54. n. 508 (1816).

Satyrus Hermes (part.), *Godart, Enc. Méth.* ix. p. 487 (1819).

♂ (Coll. Salvin). ♀, Para, Bolivia. B.M.

94. **Euptychia Sabina.**

Neonympha Sabina, *Felder, Reise der Fregatte Novara*, iii. p. 483. n. 834 (1867).

Cayenne (Felder).

Dr. Felder considers that this species, from the shape of its wings, will form a link between his *Terentia* (which, if correctly made out, is only a variety of *ocypete*) and the *Junia* group; but the latter insects have the ocelli all black beneath, whilst in the description of *Sabina* we read "*ocellis bipupillatis, tertio et quarto completis sed fuscis.*"

95. **Euptychia gigas.**

Euptychia gigas, *Butler, Proc. Zool. Soc.* p. 486. n. 82, pl. 40. fig. 7 (1866).

Mexico. B.M.

96. **Euptychia Libye.**

Papilio Libye, *Linnaeus, Syst. Nat.* ii. p. 772. n. 146 (1766); *Sulzer, Gesch.* pl. 17. fig. 7. P. Lybie (sic), *ejusd.* p. 145 (1776).

Var. ?. Papilio Hermes, *Herbst, Natursyst. Schmett.* viii. p. 68. n. 32, tab. 192. fig. 4 (1796).

Neonympha? Antonoč, *E. Doubleday, List Lep. Brit. Mus.* i. p. 138 (1844); Neonymph. Anton. *Westwood* (1851).

Euptychia Antonoč, *Westwood, Gen. Diurn. Lepid.* p. 374. n. 30 (1851).

Neonympha Harpyia, *Felder, Reise der Novara*, iii. p. 482. n. 832 (1867).

Pernambuco, Bahia, Rio, Honduras, Para, Quito. B.M.

Var. *Butler, Proc. Zool. Soc.* p. 486. n. 83 (1851).

Quito. B.M.

97. Euptychia libyoidea.

Euptychia libyoidea, *Butler, Proc. Zool. Soc.* p. 487. n. 84 (1866), pl. 11. fig. 13 (1867).

Nicaragua. B.M.

98. Euptychia obscura.

Euptychia obscura, *Butler, Proc. Zool. Soc.* p. 487. n. 85 (1866), pl. 11. fig. 9 (1867).

Bolivia. B.M.

99. Euptychia Necys.

Satyrus Necys, *Godart, Enc. Méth.* ix. pp. 466 & 511. n. 100 (1819).

Euptychia Necys, *Westwood in Gen. Diurn. Lepid.* p. 373. n. 14 (1851); *Bull. descr.* (1866).

Euptychia vastata, *Butler, Proc. Zool. Soc.* p. 487. n. 86 (1866), pl. 12. fig. 11 (1867).

Brazil (Godart), Venezuela (Westwood), Rio Grande (Coll. Bates).

100. Euptychia Quantius.

Satyrus Quantius, *Godart, Enc. Méth.* ix. pp. 463 & 487. n. 31 (1819).

Neonympha Quantius, *Westwood in Gen. Diurn. Lepid.* p. 376. n. 23 (1851).

Euptychia Quantius, *Butler, descr. Proc. Zool. Soc.* p. 488. n. 87 (1866).

Brazil (Godart), Venezuela. B.M.

? Var. *a. Bull. ibid.*

Rio Grande. Coll. Bates.

Var. *b. Bull. ibid.*

Rio Janeiro. B.M.

101. **Euptychia rustica**, sp. nov. Pl. I. fig. 4.

♂. Alæ supra rufo-fuscae, posticæ margine externo minime undulato.

Alæ subtus velut supra fuscae, area apicali paulum dilutiore; linea discali arcuata undulata, altera submarginali sinuata, tertia marginali indistinctissima, fuscis obscurioribus; margine ipso nigro, ciliis cinereo-fuscis brevibus: anticæ macula squamisque nonnullis subapicalibus fulvo-lacteis albisve: posticæ punctis quinque submarginalibus albis.

Exp. alar. unc. 2.

Bolivia.

B.M.

Allied to *Quantius*; differs in the form of the central lines and large subapical spot on the underside.

102. **Euptychia Polyphemus**.

Euptychia Polyphemus, *Butler, Proc. Zool. Soc.* p. 488. n. 88 (1866), pl. 12. fig. 5 (1867).

Bogota.

B.M.

Section EUPTYCHIA, true, *Hübner*.

Typical species *E. Herse*.

103. **Euptychia Cluena**.

Papilio (Nymph.) *Cluena*, *Drury, Ill.* iii. p. 9, pl. 7. figs. 5, 6 (1782).

Euptychia Cluena, *Westwood in Gen. Diurn. Lepid.* p. 373. n. 3 (1851); see also *P. Z. S.* p. 489 (1866).

Papilio Clueria, *Fabricius, Ent. Syst.* iii. pt. 1. p. 229. n. 716 (1793).

Satyrus Clueria, *Godart, Enc. Méth.* ix. p. 492. n. 51 (1819).

Euptychia Clueria, *E. Doubleday, List Lep. Brit. Mus.* i. p. 122 (1844).

Brazil.

? B.M.

Note.—It is doubtful whether the species in the National Collection is the true *Cluena* of Drury, as stated in the "Monograph of *Euptychia*," *P. Z. S.* (1866).

104. **Euptychia sericeella**.

Euptychia sericeella, *H. W. Bates, Ent. Month. Mag.* i. p. 202. n. 75 (1865).

Guatemala.

(Coll. Salvin).

105. **Euptychia Ebusa**.

Papilio Ebusa, *Cramer, Pap. Exot.* iv. pl. 292. figs. F, G (1782).

Euptychia Ebusa, *Hübner, Verz. bek. Schmett.* p. 54. n. 515 (1816).

Papilio aranea, *Fabricius, Ent. Syst.* iii. pt. 1. p. 97. n. 299 (1793).

Satyrus aranea, *Godart, Enc. Méth.* ix. pp. 464 & 492. n. 49 (1819).

Pernambuco, Venezuela, Bahia, Para. B.M.

106. *Euptychia Byses*.

Satyrus Byses, *Godart, Enc. Méth.* ix. pp. 466 & 496. n. 67 (1819).

Euptychia Byses, *Westwood, Gen. Diurn. Lepid.* p. 373. n. 9 (1851); *Butler, Proc. Zool. Soc.* pl. 12. fig. 15 (1867).

Rio Janeiro. B.M.

Var. *Butler, ibid.* (1866) (possibly the *E. Necys* of Godart: it does not, however, exactly suit the description of that species).

Brazil. B.M.

107. *Euptychia Chloris*.

Papilio Chloris, *Cramer, Pap. Exot.* iv. pl. 293. figs. A, B (1782).

Euptychia Chloris, *Westwood in Gen. Diurn. Lepid.* p. 373. n. 20 (1851).

Euptychia Chlorimene, *Hübner, Verz. bek. Schmett.* p. 54. n. 514 (1816).

Satyrus Tolumnia ♀, *Godart, Enc. Méth.* ix. p. 491. n. 48 (1819).

Brazil, Bahia, Para. B.M.

108. *Euptychia Herse*.

Papilio Herse, *Cramer, Pap. Exot.* i. pl. 10. figs. C, D (1779).

Euptychia Herse, *Hübner, Verz. bek. Schmett.* p. 54. n. 502 (1816).

Satyrus Herseis, *Godart, Enc. Méth.* ix. pp. 465 & 495. n. 60 (1819).

Euptychia Herseis, *Westwood in Gen. Diurn. Lepid.* p. 373. n. 11 (1851).

Brazil, Venezuela, Para. B.M.

Var. *Butler, Proc. Zool. Soc.* p. 490. n. 94 (1866).

Para, Tapajos. Coll. Bates and B.M.

109. *Euptychia Callichloris*.

Euptychia Callichloris, *Butler, Proc. Zool. Soc.* p. 490. n. 95, pl. 40. fig. 10 (1866).

(Brazil), Ega. Coll. Bates.

110. *Euptychia Hewitsonii*.

Euptychia Hewitsonii, *Butler, Proc. Zool. Soc.* p. 491. n. 96,
pl. 40. fig. 4 (1866).

Para. B.M.

Var. *Butler, ibid.* (1866).

Ega. B.M.

111. *Euptychia Agatha*.

Euptychia Agatha, *Butler, Proc. Zool. Soc.* p. 492. n. 97, pl. 40.
fig. 8 (1866).

Para. B.M.

112. *Euptychia Tolumnia*.

Papilio Tolumnia, *Cramer, Pap. Exot.* ii. pl. 130. figs. F, G
(1779); also of *Fabricius* (1793).

Euptychia Tolumnia, *Hübner, Verz. bek. Schmett.* p. 54. n. 513
(1816).

Satyrus Tolumnia, *Godart, Enc. Méth.* ix. pp. 464 & 491. n. 48
(1819).

Guiana, Bahia (Westwood). Coll. Hewitson.

113. *Euptychia Ayaya*.

Euptychia Ayaya, *Butler, Proc. Zool. Soc.* p. 492. n. 99, pl. 40.
fig. 11 (1866).

Tapajos. Coll. Bates.

114. *Euptychia tricolor*.

Euptychia tricolor, *Hewitson, Ann. & Mag. Nat. Hist.* vi. p. 440
(1850); *Gen. Diurn. Lepid.* pl. 65. fig. 3 (1851).

Tapajos, Fonteboa. ♂, B.M.

115. *Euptychia Batesii*.

Euptychia Batesii, *Butler, Proc. Zool. Soc.* p. 493. n. 101. pl. 40.
fig. 16 (1866).

Tapajos. ♂, B.M.

116. *Euptychia Iris*.

Neonympha Iris, *Felder, Reise der Fregatte Novara*, iii. p. 483.
n. 835 (1867).

Bogota (Felder).

Seems to be closely allied to my *E. Ayaya*.

117. **Euptychia Nortia.**

Euptychia Nortia, *Hewitson, Exot. Butterf.* iii. pl. 44. n. 2. fig. 2 (1862).

Tapajos.

B.M.

118. **Euptychia Gera.**

Euptychia Gera, *Hewitson, Ann. & Mag. Nat. Hist.* vi. p. 439 (1850); *Gen. Diurn. Lepid.* pl. 63. fig. 4 (1851).

Tapajos.

Colls. Bates and Hewitson.

119. **Euptychia Metagera.**

Euptychia Metagera, *Butler, Proc. Zool. Soc.* p. 494. n. 104 (1866), pl. 11. fig. 4 (1867).

Upper Amazons.

Coll. Bates.

120. **Euptychia hiemalis.**

Euptychia hiemalis, *Butler, Proc. Zool. Soc.* p. 494. n. 105 (1866), pl. 12. fig. 4 (1867).

Amazons.

B.M.

Section NEONYMPHA, true, *Hübner*.

Typical species *Neonympha (Helicta) Phocion*.

121. **Euptychia Furina.**

Euptychia Furina, *Hewitson, Exot. Butterf.* iii. pl. 44. fig. 4 (1862).

Tapajos.

♂, B.M.

122. **Euptychia Junonia.**

Euptychia Junonia, *Butler, Proc. Zool. Soc.* p. 495. n. 107 (1866), pl. 11. fig. 11 (1867).

Tapajos.

B.M.

123. **Euptychia gemmula.**

Euptychia gemmula, *Butler, Proc. Zool. Soc.* p. 495. n. 108 (1866), pl. 11. fig. 7 (1867).

♂, Rio Janeiro (Coll. Bates), Brazil.

♀, B.M.

124. **Euptychia Doxes.**

Satyrius Doxes, *Godart, Enc. Méth.* ix. pp. 465 & 493. n. 54 (1819).

Euptychia Doxes, *Westwood in Gen. Diurn. Lepid.* p. 374.
n. 28 (1851); *deser. Proc. Zool. Soc.* p. 496. n. 109 (1866).
Brazil (Godart).

125. ***Euptychia Erycina*.**

Euptychia Erycina, *Butler, Proc. Zool. Soc.* p. 496. n. 110
(1866), pl. 11. fig. 6 (1867).
Brazil. ♂, B.M.

126. ***Euptychia Latia*.**

Euptychia Latia, *Butler, Proc. Zool. Soc.* p. 496. n. 111, pl. 40.
fig. 14 (1866).
Bahia. ♀, B.M.

127. ***Euptychia cosmophila*.**

♂ (*Oreas fimbriata*) *Neonympha cosmophila*, *Hübner, Sammlung*
exot. Schmett. Zutrüge, figs. 255, 256 (1806).

Neonympha cosmophila, *Westwood in Gen. Diurn. Lepid.*
p. 375. n. 15 (1851).

Euptychia cosmophila, *Butler, Proc. Zool. Soc.* p. 497. n. 112
(1866).

♀, *Satyrus argenteus*, *Swainson, Zool. Ill.* i.-iii. pl. 159
(1820-23).

Euptychia Pagyris (*syn.*), *Westwood in Gen. Diurn. Lepid.*
p. 373. n. 8 (1851).

Brazil, Bahia. B.M.

128. ***Euptychia Pagyris*.**

Satyrus Pagyris, *Godart, Enc. Méth.* ix. pp. 464 & 491. n. 46
(1819).

Euptychia Pagyris, *Westwood in Gen. Diurn. Lepid.* p. 373.
n. 8 (1851); *Butler, Proc. Zool. Soc.* p. 497. n. 113 (1866),
pl. 11. fig. 1 (1867).

Brazil. Coll. Hewitson.

129. ***Euptychia Itonis*.**

Euptychia Itonis, *Hewitson, Exot. Butterf.* iii. pl. 44. fig. 3
(1862).

Para. B.M.

130. ***Euptychia Clorimena*.**

Papilio Clorimena, *Stoll, Pap. Exot.* pl. 13. figs. 2, 2b (1791).

Euptychia Clorimena, *Butler, Proc. Zool. Soc.* p. 498. n. 115
(1866).

Neonympha Clorimene (sic), *Herrich-Schäffer, Ind. Syst. Lep. Exot.* p. 59. n. 12 (1864).

Neonympha Clerimene (sic), *Hübner, Verz. bek. Schmett.* p. 65. n. 624 (1816); also of *Westwood* (1851).

Surinam (Stoll), Cayenne. — Colls. Salvin & Hewitson.

131. *Euptychia Salvini*.

Euptychia Salvini, *Butler, Proc. Zool. Soc.* p. 498. n. 116, pl. 40. fig. 13 (1866).

Panama. Coll. Salvin.

132. *Euptychia Phocion*.

Papilio Phocion, *Fabricius, Ent. Syst.* iii. pt. 1. p. 218. n. 683 (1793).

Satyrus Phocion, *Godart, Enc. Méth.* ix. pp. 465 & 494. n. 59 (1819).

Neonympha Phocion, *Westwood in Gen. Diurn. Lepid.* p. 375. n. 6 (1851).

United States. B.M.

Var. AREOLATA.

Papilio areolatus, *Smith & Abbot's Lep. Georgia*, p. 25, tab. 13 (1797).

Satyrus areolatus, *Godart, Enc. Méth.* ix. pp. 465 & 494. n. 58 (1819); also of *Boisduval & Leconte* (1833).

Neonympha areolatus, *Westwood in Gen. Diurn. Lepid.* p. 375. n. 6 (1851).

Euptychia areolata, *Butler, Proc. Zool. Soc.* p. 498. n. 117 (1866).

Oreas (fimbriata) Helicta, *Hübner, Samml. exot. Schmett.* i. pl. 95 (1806).

Neonympha Helicta, *Hübner, Verz. bek. Schmett.* p. 65. n. 622 (1816).

Georgia, United States. Coll. Edwards.

133. *Euptychia Pyracmon*.

Euptychia Pyracmon, *Butler, Proc. Zool. Soc.* p. 499. n. 118 (1866), pl. 11. fig. 10 (1867).

Mexico. B.M.

134. *Euptychia gemma*.

Neonympha gemma, *Hübner, Sammlung exot. Schmett. Beiträge*, figs. 7, 8 (1806); also of *Westwood* (1851).

Satyrus gemma, *Boisduval & Leconte, Hist. des Léop.* pl. 62. figs. 1-3, 4, 5 (metamorph.) (1833).

Polochie Valley (Coll. Salvin), United States. B.M.

135. *Euptychia Saundersii*.

Euptychia Saundersii, *Butler, Proc. Zool. Soc.* p. 500. n. 120,
pl. 40. fig. 17 (1866).

Ega (Coll. Bates), Pernambuco.

B.M.

136. *Euptychia mima*.

Euptychia mima, *Butler, Proc. Zool. Soc.* p. 500. n. 121 (1866),
pl. 12. fig. 7 (1867).

? *Neonympha Antonina*, *Felder, Reise der Novara*, iii. p. 482.
no. 831 (1867).

Tapajos.

Coll. Bates.

137. *Euptychia fumata*.

Euptychia fumata, *Butler, Proc. Zool. Soc.* p. 109. n. 10, pl. 12.
fig. 14 (1867).

Hab. — ?

Coll. Hewitson.

138. *Euptychia Pacarus*.

Satyrus Pacarus, *Godart, Enc. Méth.* ix. pp. 465 & 495. n. 61
(1819).

Neonympha Pacarus, *Westwood in Gen. Diurn. Lepid.* p. 375.
n. 4 (1851).

Euptychia Pacarus, *Butler, Proc. Zool. Soc.* p. 501. n. 123 (deser.)
(1866).

Brazil (Godart).

139. *Euptychia insignis*.

Euptychia insignis, *Butler, Proc. Zool. Soc.* p. 501. n. 124,
pl. 40. fig. 12 (1866).

Hab. — ?

Coll. Bates.

140. *Euptychia Erichtho*.

Euptychia Erichtho, *Butler, Proc. Zool. Soc.* p. 501. n. 125,
pl. 40. fig. 15 (1866).

Pernambuco, Rio, Ega, Para.

B.M.

Undetermined Species.

141. *Euptychia ?? Peribæa*.

Papilio Peribæa, *Fabricius, Ent. Syst.* iii. 1. p. 234. n. 730
(1793).

Satyrus Peribæa, *Godart, Enc. Méth.* ix. pp. 463 & 486. n. 29
(1819).

Neonympha Peribæa, *Westwood in Gen. Diurn. Lepid.* p. 376.
n. 24 (1851).

Surinam (Fabricius).

The part of the 'Proceedings Philad.' in which the following are described has not yet been obtained:—

142. **Euptychia Lupita.**

Neonympha Lupita, *Reakirt, Proc. Acad. Nat. Sci. Philad.*
p. 331 (1866).

Mexico (Reakirt).

143. **Euptychia Xicaque.**

Neonympha Xicaque, *Reakirt, Proc. Acad. Nat. Sci. Philad.*
p. 336 (1866).

Mexico (Reakirt).

Genus 7. **CÆNONYMPHA**, *Hübner* (1816).

Typical Species *Cænonympha* (*Ædipe*) *Geticus*.

1. **Cænonympha Geticus.**

♀. *Papilio* (pleb. rural.) *Geticus*, *Esper, Schmett.* i. pt. 2.
tab. 102, cont. 57. fig. 2; ♂, tab. 107, cont. 62. fig. 5 (1777).
Papilio Iphigenus, *Herbst, Natursyst. Schmett.* viii. p. 108. n. 60,
tab. 198. figs. 5–8 (1796).

Pyrenees, Sweden.

♂ ♀, B.M.

Var. **ÆDIPPUS.**

♂. *Papilio* *Ædippus*, *Fabricius, Mant. Ins.* ii. p. 31. n. 335
(1787); *Ent. Syst.* iii. pt. 1. p. 218. n. 681 (1793); also of
Herbst.

Papilio *Ædippe*, *Borkhausen, Naturgesch. eur. Schmett.* ii. p. 205.
n. 23–24 (1788).

Papilio *Ædipus* (*sic*), *Ochsenheimer, Schmett.* v. *Eur.* i. p. 315.
n. 71 (1807).

Cænonympha *Ædipus* (*sic*), *E. Doubleday, List Lep. Brit. Mus.*
i. p. 143 (1844); also of *Westwood* (1851).

Hipparchia *Ædipus*, *Eversmann, Faun. Lepid. Volgo-Ural.*
p. 36. n. 29 (1844).

Cænonympha *Ædipe* (*sic*), *Hübner, Verz. bek. Schmett.* p. 65.
n. 626 (1816).

Var. *Satyrus* *Ædipus* (*sic*), *Godart, Enc. Méth.* ix. p. 544. n. 169
(1819); *Lép. de France*, ii. p. 141. n. 53, pl. 19. figs. 5, 6
(1822).

Var. Papilio Miris, Fabricius, Ent. Syst. Suppl. v. p. 429. n. 693, 694 (1798).

Papilio Pylarge, Hübner, Eur. Schmett. i. pl. 52. figs. 245, 246 (1805).

Russia.

♂ ♀, B.M.

O. Edippus appears to be the Russian form of *Geticus*; it differs from it chiefly in having less conspicuous ocelli and bands on the underside. The females differ much more than the males; the number of ocelli in the front wings of these two forms varies in our specimens from five to none.

2. *Cænonympha Hero.*

Papilio Hero, Linnaeus, Fauna Suecica, ed. 2. p. 274. n. 1047 (1761); Syst. Nat. ii. p. 793. n. 255 (1766); also of Fabricius, Syst. Ent., but not Ent. Syst., and of Borkhausen, Herbst, and Hübner.

Papilio (pleb. rural.) Hero, Esper, Schmett. i. pt. 1. tab. 22. fig. 4 (1777).

Maniola Hero, Schrank, Fauna Boica, i. pt. 2. p. 179. n. 1310 (1801).

Satyrus Hero, Godart, Enc. Méth. ix. p. 544. n. 170 (1819).

Hipparchia Hero, Stephens, Ill. Haust. i. p. 68. sp. 18 (1828); also of Eversmann (1844).

Cænonympha Hero, E. Doubleday, List. Lep. Brit. Mus. i. p. 143 (1844); also of Westwood (1851).

Papilio Sabacus, Fabricius, Syst. Ent. p. 530. n. 371 (1775).

France, Sicily ?

B.M.

3. *Cænonympha Amyntas.*

♀. *Papilio Amyntas, Poda, Ins. Mus. Græc. p. 79. n. 52 (1761).*

Papilio Hero (part.), Linnaeus, Fauna Suecica, ed. 2. p. 274. n. 1047 (1761); also of Fabricius, Ent. Syst., but not Syst. Ent.

Papilio Iphis, Denis, Wiener Verz. p. 321. n. 25 (1775); Hübner, Eur. Schmett. i. tab. 53. figs. 249–251 (var.) (1805).

Satyrus Iphis, Godart, Enc. Méth. ix. p. 545. n. 171 (1819); Léop. de France, ii. 145. n. 55, pl. 20. figs. 3, 4 (1822).

Cænonympha Iphis, E. Doubleday, List Lep. Brit. Mus. i. p. 143 (1844).

Hipparchia Iphis, Eversmann, Fauna Lepid. Volgo-Ural. p. 35. n. 27 (1844).

Maniola Manto, Schrank, Fauna Boica, i. pt. 2. p. 180. n. 1313 (1801).

Papilio (pleb. rural.) Tiphon, Esper, Schmett. i. pt. 1. tab. 35. Suppl. xi. figs. 3, 4 (1777).

Papilio Tiphon, Schneider, Syst. Besch. p. 126. n. 63 (1787).

Papilio Glycerion, Borkhausen, Naturgesch. eur. Schmett. i. p. 90. n. 27 (1788).

♀. *Cænonympha Mandane*, *W. F. Kirby, Proc. Ent. Soc. Lond.* p. 85 (1862).

Var. Papilio (Hipparchia) Iphis, *Freyer, Neuere Beiträge*, iv. p. 118. n. 601, tab. 355. figs. 3, 4 (1842).

Var. Cænonympha Anaxagorus, *Assmuss, Bresl. Zeitschr. f. d. Entom.* x. p. 9 (1856).

Germany, Polish Ukraine.

♂ ♀, B.M.

♂. *Var. Posticæ subtus griseescentes, ocellis obsoletis.*

Germany.

B.M.

4. *Cænonympha arcanioides*.

Satyrus arcanioides, *Pierret, Ann. Soc. Ent. France*, t. vi. p. 306, *arcanioides*, pl. 12. fig. 5 (1837).

Cænonympha arcanioides (sic), *Westwood in Gen. Diurn. Lepid.* p. 397. n. 5 (1851).

Barbary (Pierret).

Local form. ? *Papilio (Hipparchia) arcanioides (sic)*, *Freyer, Neuere Beiträge*, v. p. 125. n. 816, tab. 457. n. 1 (1845).

Switzerland (Freyer).

B.M.

It is quite likely that the Swiss specimens may be a race of *arcanioides*; they do not, however, agree with the figure of that species in all respects. We have an insect from Algeria, which Mr. Adam White had labelled as this species; but it more nearly resembles *Arcania*, and is probably distinct from both.

5. *Cænonympha Arcania*.

Papilio Arcania, *Linnaeus, Fauna Suecica*, ed 2. p. 273. n. 1045 (1761); also of *Borkhausen* (1788).

Papilio (Nymph. Gemm.) Arcania, *Hufnagel, Tab. Berl. Mag.* pt. 2. p. 72. n. 31 (1766).

Hipparchia Arcania, *Eversmann, Faun. Lepid. Volgo-Ural.* p. 37. n. 30 (1844).

Papilio Arcanius, *Linnaeus, Syst. Nat.* ii. p. 791. n. 242 (1766).

Hipparchia Arcanius, *Stephens, Ill. Haust.* i. p. 69. sp. 19 (1828).

Cænonympha Arcanius, *E. Doubleday, List Lepid. Brit. Mus.* i. p. 142 (1844).

Cænonympha Arcanius (sic), *Westwood in Gen. Diurn. Lepid.* p. 397. n. 4 (1851).

Papilio Amyntas, *Scopoli, Ent. Carn.* p. 174. n. 457 (1763), but not of *Poda*.

Var. Papilio (pleb. rural.) arcanius, *Esper, Schmett.* i. pt. 1. tab. 21. fig. 4 (1777).

Satyrus Arcanius, *Godart, Enc. Méth.* ix. p. 546. n. 172 (1819); *Lép. de France*, i. p. 174, pl. 8. fig. 3 (1821).

Papilio Arcania, *Hübner, Eur. Schmett.* i. tab. 51. figs. 240-242 (1805).

Germany.

B.M.

Var. Papilio Naidion (*not Naidon*), *Borkhausen, Naturgesch. eur. Schmett.* i. p. 91. n. 28, pl. 1. figs. 1, 2 (1788).

Alæ posticæ subtus fascia albida et linea argentea obsoletis.

Near Darmstadt (*Borkhausen*).

This is a very variable species. In some specimens the subapical ocellus is wanting; in some there are three distinct ocelli on the upperside of the hind wings: the yellowish band on the underside also varies in outline.

6. *Cænonympha marginalis*, sp. nov.

Alæ supra velut in Arcania.

Anticæ subtus velut in Arcania, sed apice haud pallido, et ocello distincto; *posticæ velut in Satyrione*, fascia autem alba angustiore, et ocellis multo majoribus.

Exp. alar. unc. 1 $\frac{1}{4}$.

Algeria.

B.M.

This species was registered as *C. arcanaules*, an insect with which it has but little affinity.

7. *Cænonympha Satyrion*.

Papilio [Dan. fest. (pleb. rural.)] *Satyrion*, *Esper, Schmett.* i. pt. 2. tab. 122. cont. 77. fig. 2 (1777).

Papilio Satyrion, Ochsenheimer, Schmett. v. Eur. i. p. 322. n. 74 (1807).

Papilio (*Hipparchia*) *Satyrion*, *Freyer, Neuere Beiträge*, iv. p. 137. n. 626, tab. 367. figs. 1, 2 (1842).

♂. *Satyrus Satyrion, Herrich-Schäffer, Eur. Schmett.* i. figs. 289, 290 (1845).

Satyrus Phileus, Godart, Enc. Méth. ix. p. 547. n. 174 (1819); *Lép. de France*, ii. p. 143. n. 54, pl. 15. figs. 1, 2 (1822).

Papilio (*Hipparchia*) *Philea, Freyer, Neuere Beiträge*, iv. p. 137. n. 627, tab. 367. figs. 3, 4 (1842).

Cænonympha Philea, E. Doubleday, List Lep. Brit. Mus. i. p. 142 (1844); also of *Westwood* (1851).

Var. Papilio Philea, Hübner, Eur. Schmett. i. tab. 53. figs. 254, 255 (1805).

Germany.

♂ ♀, B.M.

8. *Cænonympha Leander*.

Papilio (pleb. rural.) *Leander, Esper, Schmett.* i. pt. 2. tab. 89. cont. 39. fig. 5 (1777).

Papilio Leander, Fabricius, Ent. Syst. iii. pt. 1. p. 222. n. 693 (1793); also (part.) *Ochsenheimer*.

Papilio (*Hipparchia*) *Leander, Freyer, Neuere Beiträge*, ii. tab. 110. fig. 1 (1836).

Satyrus Leander, Godart, Enc. Méth. ix. p. 548. n. 176 (1819); also of *Duponchel, Boisduval*, and *Herrich-Schäffer*.

Cænonympha Leander, *E. Doubleday, List Lepid. Brit. Mus.* i. p. 141 (1844).

Hipparchia Leander, *Eversmann, Fauna Lepid. Volgo-Ural.* p. 37. n. 31 (1844).

Papilio Philaidilis, *Borkhausen, Naturgesch. eur. Schmett.* i. p. 93. n. 32 (1788).

Papilio Clite, *Hübner, Eur. Schmett.* i. tab. 103. figs. 526, 527 (1805).

Hungary, Russia.

B.M.

Oechsenheimer has quoted *Amaryllis* as a synonym of this species; it is, however, quite distinct. Westwood, in the 'Genera of Diurnal Lepidoptera,' quotes *Amaryllis* of Cramer, but makes *Amurillis* (sic) of Herbst a distinct species; yet Herbst's figure is copied from that of Cramer, and must therefore be identical with it.

9. *Cænonympha Amaryllis*.

Papilio *Amaryllis*, *Cramer, Pap. Exot.* iv. pl. 391. figs. A, B (1782).

Hipparchia *Amaryllis*, *Eversmann in Nouv. Mém. Soc. Imp. Nat. Mosc.* ii. p. 350, tab. 20. figs. 5, 6 (1832).

Papilio (*Hipparchia*) *Amaryllis*, *Freyer, Neuere Beiträge*, iii. pl. 283. figs. 3, 4 (1839).

Satyrus *Amaryllis*, *Herrich-Schäffer, Eur. Schmett.* i. figs. 188, 189, 287, 288 (1845).

Cænonympha *Amaryllis*, *Westwood in Gen. Diurn. Lepid.* p. 397. n. 7 (1851).

Papilio *Amarillis* (sic), *Herbst, Natursyst. Schmett.* viii. p. 35, tab. 186. figs. 1, 2 (1796).

Russia.

B.M.

10. *Cænonympha Rinda*.

Cænonympha *Rinda*, *Ménétriés, Bull. Phys. Acad. Pétersb.* xvii. p. 217. n. 18 (1859); *Schrenck's Amurlaule*, p. 42. n. 83, tab. 4. fig. 1 (1859).

River Amoor.

Possibly an extreme variety of *Amaryllis*.

11. *Cænonympha Corinna*.

Papilio *Corinna*, *Hübner, Eur. Schmett.* i. tab. 105. figs. 536, 537 (1805); also of *Oechsenheimer*.

Papilio (*Hipparchia*) *Corinna*, *Freyer, Neuere Beiträge*, i. tab. 68. fig. 2 (1833).

Satyrus *Corinna*, *Boisduval, Sp. Gén. Léop. Ind.* p. 33. n. 273 (1840).

Cænonympha *Corinna*, *E. Doubleday, List Lep. Brit. Mus.* p. 141 (1844); also of *Westwood*.

Satyrus *Corinnus*, *Godart, Enc. Méth.* ix. p. 540. n. 173 (1819); *Léop. de France*, ii. p. 150. n. 57, pl. 20. figs. 7, 8 (1822).

Papilio Corinna, *Ochsenheimer* (synonym).

Papilio Corinus, *Westwood* (synonym).

Papilio Norax, *Bonelli in Mem. Accad. Torino*, xxx. t. 2. fig. 2 (1826).

Corsica.

B.M.

12. *Cænonympha Thyrsis*.

Papilio (*Hipparchia*) *Thyrsis*, *Freyer, Neue Beiträge*, v. p. 157. n. 860, tab. 475. fig. 1 (1845).

Satyrus Thyrsis, *Herrich-Schäffer, Eur. Schmett.* i. figs. 297-300 (1845).

Cænonympha Thyrsis, *Westwood in Gen. Diurn. Lepid.* p. 397. n. 10 (1851).

Turkey in Europe?

B.M.

13. *Cænonympha Dorus*.

Papilio (pleb. rural.) *Dorus*, *Esper, Schmett.* i. pt. 2. tab. 78, cont. 28. fig. 1 (1777).

Papilio Dorus, *Herbst, Natursyst. Schmett.* viii. tab. 188. figs. 5-8 (1796); also of *Schneider & Ochsenheimer*.

Satyrus Dorus, *Godart, Enc. Méth.* ix. p. 547. n. 175 (1819); *Lép. de France*, ii. p. 148. n. 56, pl. 20. figs. 5, 6 (1822); also of *Boisduval*.

Cænonympha Dorus, *E. Doubleday, List Lep. Brit. Mus.* i. p. 141 (1844); also of *Westwood*.

Papilio Dorion, *Hübner, Eur. Schmett.* i. tab. 52. figs. 247, 248 (1805), *Dorilis*, text, p. 42. n. 77.

Papilio Dorilis, *Borkhausen, Naturgesch. eur. Schmett.* i. p. 93. n. 31 (1788).

Papilio Palemon, *Ernst, Pap. Eur.* i. pl. 68, *Suppl.* xiv. fig. 57 (1779).

Papilio Lizetta, *Cramer, Pap. Exot.* iv. pl. 373. figs. F, G (1782).

Papilio Hanibal, *Herbst, Natursyst. Schmett.* viii. p. 48. n. 22 (1796).

South Europe, Pyrenees.

♂ ♀, B.M.

Var. Alæ supra minime fulvescentes, ocellis minus distinctis.

Germany.

♂ ♀, B.M.

Var. Alæ antiçæ supra maris rufescentes, feminae ad margines fuscæcentes: alæ subtus multo pallidiores ochreo-eincascentes.

Spain.

♂ ♀, B.M.

14. *Cænonympha pamphiloides*.

Cænonympha pamphiloides, *Reakirt, Proc. Ent. Soc. Philad.* vi. p. 146 (footnote) (1866).

Colorado Territory.

Like *Pamphilus* on the upperside and on the underside of the front wings. Seems to differ chiefly in the longer fringe to the wings, the irregular banding of the hind wings, and more distinct ocellation of the underside. If these are the only differences, it may be considered a local variety of *Pamphilus*; for the form of the central bands and the constancy of the ocelli cannot be at all relied upon in this genus. We have *Davus* varying by slow degrees from the European *Philoxenus* to the *inornata* of the New World; and our specimens of *Geticus* vary from a silver-banded insect, with ten large distinct ocelli on the underside, to an insect having only a fine silver line and five small ocelli in the hind wings.

15. *Cænonympha Pamphilus*.

Papilio Pamphilus, *Linnæus*, *Fauna Suecica*, ed. 2. p. 273. n. 1044 (1761); also of *Fabricius*, *Lewin*, &c.

Papilio (pleb. rural.) *Pamphilus*, *Esper*, *Schmett.* i. pt. 1. tab. 21. fig. 3 (1777).

Maniola Pamphilus, *Schrank*, *Fauna Boica*, ii. pt. 1. p. 180. n. 1512 (1801).

Satyrus Pamphilus, *Godart*, *Enc. Méth.* ix. p. 549. n. 179 (1819).

Hipparelia Pamphilus, *Stephens*, *Ill. Haust.* i. p. 69. sp. 20 (1828).

Cænonympha Pamphilus, *E. Doubleday*, *List Lep. Brit. Mus.* i. p. 141 (1844).

Cænonympha Pamphile, *Hübner*, *Verz. bek. Schmett.* p. 65. n. 633 (1816).

Satyrus Pamphile, *Godart*, *Lép. de France*, i. p. 176. n. 60, pl. 8 secund. (1821).

Papilio Menalcas, *Poda*, *Ins. Mus. Græc.* p. 78. n. 50 (1761); also of *Scopoli* (1763).

Papilio Nephela, *Hufnagel*, *Tab. in Berl. Mag.* ii. p. 78. n. 43 (1766); *Hübner*, *Eur. Schmett.* i. pl. 51. figs. 237-239 (1805).

Var. Papilio (pleb. rural.) *Pamphilus*, *Esper*, *Schmett.* i. pt. 2. tab. 78. cont. 28. fig. 4 (1777).

South Europe.

B.M.

Var. LYLLUS.

Papilio (pleb. rural.) *Lyllus*, *Esper*, *Schmett.* i. pt. 2. tab. 122. cont. 77. fig. 1 (1777); also of *Ochsenheimer*.

Satyrus Lyllus, *Godart*, *Enc. Méth.* ix. p. 548. n. 178 (1819); *Lép. de France*, ii. p. 152. n. 58, pl. 20. figs. 9, 10 (1822).

Papilio (*Hipparchia*) *Lyllus*, *Freyer*, *Neuere Beiträge*, vi. p. 29. n. 898, tab. 499. fig. 1 (1852).

Cænonympha Lyllus, *Westwood* in *Gen. Diurn. Lepid.* p. 398. n. 17 (1851).

Satyrus Pamphilus, var., *Boisduval*, *Sp. Gén. Lép. Ind.* n. 33, sp. 277 (1840).

Cænonympha Pamphilus, var., *E. Doubleday*, *List Lep. Brit. Mus.* i. p. 142 (1844).

Var. Papilio Pamphila, *Hübner*, *Eur. Schm.* i. pl. 109. figs. 557, 558 (1805).

Var. Satyrus Lyllus, var., *Herrich-Schäffer*, *Eur. Schm.* i. tab. 90. figs. 430, 431 (1843-45).

South Europe.

B.M.

16. *Cænonympha Davus* (? *Tullia*, *Müller*).

Papilio Davus, *Fabricius*, *Gen. Ins.* p. 259 (1776); *Ent. Syst.* iii. pt. 1. p. 221. n. 690 (1793); also of *Herbst*.

Satyrus Davus, *Godart*, *Lép. de France*, ii. p. 155. n. 59, pl. 21. figs. 1, 2 (1822).

Hipparchia Davus, *Stephens*, *Ill. Haust.* i. p. 67. sp. 17 (1828).

Cænonympha Davus, *E. Doubleday*, *List Lep. Brit. Mus.* i. p. 141 (1844).

Papilio Hero, *De Geer*, *Ueberf. v. Goeze*, ii. pt. 1. p. 147, tab. 2. fig. 4 (1776); but not of *Linnaeus*.

Maniola Tiphon, *Schrank*, *Fauna Boica*, ii. pt. 1. p. 179. n. 1311 (1801).

Papilio Typhon, *Haworth*, *Lep. Brit.* p. 16 (1803).

Papilio Tullia, *Hübner*, *Eur. Schm.* i. tab. 52. figs. 243, 244 (1805).

? *Var. Papilio* (Nymph.) *Tullia*, *Müller*, *Faun. Fridr.* p. 36. n. 332 (1764).

Germany, England.

B.M.

Var. PHILOXENUS.

Papilio (pleb. rural.) *Philoxenus*, *Esper*, *Schmett.* i. pt. 2. tab. 54. cont. 4. fig. 3, tab. 78, cont. 28. fig. 3 (1777).

Cænonympha Philoxena, *Hübner*, *Verz. bek. Schm.* p. 65. sp. 634 (1816).

Papilio Musarion, *Borkhausen*, *Naturgesch. eur. Schm.* i. p. 92. n. 30 (1788).

Germany.

B.M.

Var. POLYMEDA.

Papilio Polymeda, *Jermyns*, *Engl. Butterf.* p. 47 (1824).

Papilio Polydama, *Haworth*, *Lep. Brit.* p. 16 (1803); *Stephens*, *Ill. Haust.* i. p. 66. sp. 16, pl. 7. fig. 3 (1828).

Merioneth.

Brit. Coll. B.M.

Var. IPHIS.

Papilio Iphis, *Borkhausen, Rhein. Magaz.* i. p. 241. n. 23 (1793).

Hipparchia Iphis, *Stephens, Ill. Haust.* i. p. 64, pl. 7. figs. 1, 2 (1828).

England, Germany.

B.M.

Var. LAIDION.

Papilio Laidion, *Borkhausen, Naturgesch. eur. Schmett.* i. p. 91. n. 29, pl. 1. figs. 5, 6 (1788).

England.

B.M

Var. ISIS.

Papilio Isis, *Thunberg, Dissert. Acad.* iii. p. 45 (1801).

Satyrus Isis, *Zetterstedt, Ins. Lappon.* p. 905. n. 16 (1828);

Herrich-Schäffer, Eur. Schmett. i. figs. 293-296 (1843-45).

Cænonympha Isis, *Westwood in Gen. Diurn. Lepid.* p. 398. n. 14 (1851).

Papilio Davus, var., *Ochsenheimer, Schmett. v. Eur.* p. 303 (1807).

Erebia Davus, var., *Dalman, Pap. Suec.* p. 83. n. 14 (1824).

Papilio (Hipparchia) Demophile, *Freyer, Neuere Beiträge*, v. p. 97. n. 780, tab. 439. figs. 3, 4 (1845).

Lapland (Zetterstedt & Freyer), Newfoundland.

B.M.

17. *Cænonympha inornata*.

Cænonympha inornata, *Edwards, Proc. Acad. Nat. Sci. Philad.* p. 163 (1861).

Lake Winnipeg (Edwards), Vancouver's Island, West Coast.

B.M.

18. *Cænonympha California*.

Cænonympha California, *Westwood & Hewitson, Gen. Diurn. Lepid.* p. 398. n. 15, pl. 67. fig. 2 (1851).

Satyrus Californius, *Boisduval, Ann. Ent. Soc. France*, p. 309. n. 60 (1852).

California.

♂ ♀, B.M.

Var. CERES.

Cænonympha Ceres, *Butler, Ent. Month. Mag.* iii. p. 78 (1866).

California.

♀, B.M.

Scarcely sufficiently distinct to rank as a species.

19. *Cænonympha ochracea*.

Cænonympha ochracea, *Edwards, Proc. Acad. Nat. Sci. Philad.*
p. 163 (1861).

Lake Winnipeg, California, Kansas (Edwards).

The position of this species cannot be determined; it may come near *Davus*; but nothing is said in the description concerning its affinities.

20. *Cænonympha galactus*.

Satyrus galactus, *Boisduval, Ann. Ent. Soc. France*, p. 309.
n. 61 (1852).

California.

B.M.

21. *Cænonympha Saadi*.

Satyrus Saadi, *Kollar, Denkschrift K. Akad. Wissenschaft. Wien*,
p. 52. sp. 9 (1851).

Hipparchia (*Cænonympha*) *Iphias*, *Eversmann, Bull. Soc. Imp.*
Nat. Mosc. pt. i. p. 618. n. 7 (1851).

Russian Armenia (Eversmann), Persia.

B.M.

22. *Cænonympha Sunbecca*.

Hipparchia Sunbecca, *Eversmann in Bull. Soc. Imp. Nat. Mosc.*
p. 538, tab. 7. figs. 4a, 4b (1843).

Satyrus Sunbecca, *Herrich-Schäffer, Eur. Schmett.* i. tab. 120.
figs. 611, 612 (1845).

Cænonympha Sunbecca, *Westwood in Gen. Diurn. Lepid.* p. 398.
n. 18 (1851).

Dry plains near Lake Noor Saisan (Eversmann).

Genus 8. *TRIPHYSA* *, *Zeller* (1850).

Typical Species *Triphysa* (*Tircis*) *Phryne*.

1. *Triphysa Phryne*.

Papilio (Nymph. Gemm.) *Phryne*, *Pallas, Reise*, pt. i. n. 60
(1776).

Papilio (pleb. rural.) *Phryne*, *Esper, Schmett.* i. pt. 2. tab. 89.
cont. 39. figs. 3, 4; var.?, tab. 113. cont. 68. fig. 6 (1777).

Papilio Phryne, *Borkhausen, Naturgesch. eur. Schmett.* i. pp. 108
& 246. n. 52 (1788); *Hübner, Eur. Schmett.* i. pl. 44. figs.
200, 201, pl. 140. figs. 708, 709 (1805).

Cænonympha Phryne, *E. Doubleday, List Lep. Brit. Mus.* i.
p. 142 (1844); also of *Westwood* (1851).

* The genus *Phryne* of Herrich-Schäffer was rejected by Zeller as having been previously used for a genus of Reptilia.

Satyrus Phryne, *Herrich-Schäffer*, *Eur. Schmett.* i. tab. 22. figs. 106, 107 (1845).

Papilio Phryneus, *Fabricius*, *Mant. Ins.* ii. p. 33. n. 354 (1787).

Satyrus Phryneus, *Godart*, *Enc. Méth.* ix. p. 529. n. 119 (1819); also of *Boisduval & Duponchel* (1832).

Papilio Tircis, *Cramer*, *Pap. Evot.* iv. pl. 373. figs. C, D (1782); also of *Herbst* (1796).

Phryne Tircis, *Herrich-Schäffer*, *Syst. Bearb.* p. 90 (1843).

Triphysa Tircis, *Zeller*, *Ent. Zeit.* p. 311 (1850).

Eastern Russia.

♂ ♀, B.M.

2. *Triphysa Dohrnii*.

Triphysa Dohrnii, *Zeller*, *Ent. Zeit.* p. 308 (1850); *Herrich-Schäffer*, *Eur. Schmett.* i. tab. 133. figs. 641, 642 (1843-56).

Southern Russia.

Genus 9. AULOCERA, *Butler* (1867).

Typical Species *Aulocera Brahminus*.

1. *Aulocera Brahminus*.

Satyrus Brahminus, *Blanchard* in *Jacquemont's Voyage in India*, pl. 2. figs. 4-6 (1844); *Westwood* (1851).

Aulocera Brahminus, *Butler*, *Ent. Month. Mag.* iv. p. 121. n. 1 (1867), (neururation) fig. 1.

Satyrus Swaha, *Kollar* in *Hügel's Kaschmir*, p. 444, tab. 14. figs. 1, 2 (1844).

Satyrus Saraswati (*synonym*), *Moore*, *Cat. Lep. Mus. East-Ind. Comp.* i. p. 229. n. 483 (1857).

North India, Nepaul, Himalayas, Cashmere.

B.M.

2. *Aulocera Saraswati*.

Satyrus Saraswati, *Kollar* in *Hügel's Kaschmir*, p. 445, tab. 14. figs. 3, 4 (1844); *Westwood* (1851).

Aulocera Saraswati, *Butler*, *Ent. Month. Mag.* iv. p. 121. n. 2 (1867).

North India.

B.M.

3. *Aulocera Padma*.

Satyrus Padma, *Kollar* in *Hügel's Kaschmir*, p. 445, tab. 15. figs. 1, 2 (1844); *Westwood* (1851).

Aulocera Padma, *Butler*, *Ent. Month. Mag.* iv. p. 122. n. 3 (1867).

North India.

B.M.

4. **Aulocera Avatara.**

Satyrus Avatara, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* i. p. 229. n. 481 (1857).

Aulocera Avatara, *Butler, Ent. Month. Mag.* iv. p. 122. n. 4 (1867).

North India (Moore).

5. **Aulocera Scylla.**

Aulocera Scylla, *Butler, Ent. Month. Mag.* iv. p. 122. n. 5 (1867).

Near Sylhet.

B.M.

Genus 10. **HIPPARCHIA**, *Fabricius* (1808).

Typical Species *Hipparchia Fagi* (*Hermione*).

1. **Hipparchia Proserpina.**

Papilio Proserpina, *Denis, Wien. Verz.* p. 169. fam. F. n. 23 (1775); *Hübner, Eur. Schmett.* i. pl. 26. figs. 119–121 (1805).

Papilio (Nymph. Gemm.) Proserpina, *Esper, Schmett. v. Eur.* i. pt. 1. tab. 39. *Suppl.* xv. fig. 2, tab. 42. *Suppl.* xviii. fig. 3 (1777).

Satyrus Proserpina, *Westwood in Gen. Diurn. Lepid.* p. 390. n. 12 (1851).

Papilio Circe, *Fabricius, Ent. Syst.* iii. pt. 2. p. 233. n. 728 (1793).

Satyrus Circe, *Godart, Enc. Méth.* ix. p. 513. n. 108 (1819);

Lép. de France, i. p. 131. n. 41, pl. 7 secund. fig. 1 (1821).

Hipparchia Circe, *E. Doubleday, List Lep. Brit. Mus.* pt. 1. p. 131 (1844).

Germany, Corfu.

B.M.

2. **Hipparchia Fagi.**

Papilio Fagi, *Scopoli, Ent. Carn.* p. 152. n. 428, fig. 428 (1763).

Papilio Hermione, *Linnaeus, Syst. Nat.* ii. p. 773. n. 149 (1766); *Hübner, Eur. Schmett.* i. pl. 27. figs. 122–124 (1805).

Satyrus Hermione, *Godart, Enc. Méth.* ix. p. 515. n. 110 (1819); *Lép. de France*, i. p. 137. n. 43, pl. 7 secund. fig. 2 (1821).

Papilio (Nymph. Gemm.) Hermione major, *Esper, Schmett.* i. pt. 1. tab. 8. fig. 3, pt. 2. tab. 70. cont. 20. fig. 4 (1777).

Germany, South Europe.

B.M.

Local form. Athens.

B.M.

3. **Hipparchia Alcyone.**

Papilio Alcyone, *Denis, Wien. Verz.* p. 169. fam. F. n. 21 (1775); *Hübner, Eur. Schmett.* i. pl. 27. figs. 125, 126 (1805).

Satyrus Alcyone, *Boisduval, Icon. Hist. Lép.* p. 202. n. 2, pl. 40. figs. 5, 6 (var.) (1832).

Papilio (Nymph. Gemm.) *Hermione minor*, *Esper*, *Schmett.* i. pt. 1. tab. 8. fig. 2 (1777).

Papilio Hermione ♂, *Herbst*, *Natursyst. Schmett.* viii. tab. 215. figs. 1, 2 (1796).

Satyrus Hermione, var., *Boisduval*, *Sp. Gén. Ind. Meth.* p. 30. n. 241 (1840).

Germany.

B.M.

It is not to be credited that this should be only a variety of *Fagi* (*Hermione*); the form of the central band is utterly unlike that species.

4. *Hipparchia Marmoræ*.

Papilio Marmoræ, *Hübner*, *Eur. Schmett.* i. pl. 164. figs. 814–817 (1805).

Satyrus Neomiris, *Godart*, *Enc. Méth.* ix. *Suppl.* p. 827. n. 111 (1819); *Lép. de France*, ii. p. 88. n. 28, pl. 40. figs. 1, 2 (1822).

Satyrus Neomyris (sic), *Boisduval*, *Icon. Hist. Lép.* pl. 42. figs. 6–8 (1832); and also of *Westwood* (1851).

Hipparchia Neomyris, *E. Doubleday*, *List Lep. Brit. Mus.* i. p. 132 (1844).

Papilio (*Satyrus*) *Iolaus*, *Bonelli* in *Mem. Accad. Torino*, xxx. p. 179, sp. 4a, tav. 3. figs. 1 ♂, 1 ♀ (1826).

Corsica.

B.M.

5. *Hipparchia Anthelea*.

♂. *Papilio Anthelea*, *Hübner*, *Eur. Schmett.* i. pl. 174. figs. 861, 862 (1805).

Papilio (*Hipparchia*) *Anthelea*, *Freyer*, *Neuere Beiträge*, iii. p. 101. n. 436, tab. 265. fig. 2. (1839).

♀. *Satyrus Anthelea*, *Herrich-Schäffer*, *Eur. Schmett.* i. figs. 303, 304 (1843–45); ♂. *Boisduval & Duponchel* (1832).

♂ (part.). *Hipparchia Anthelea*, *E. Doubleday*, *List Lep. Brit. Mus.* i. p. 131 (1844).

Crete.

♂, B.M.

Var. PONTICA.

Papilio (*Hipparchia*) *Pontica*, *Freyer*, *Neuere Beiträge*, v. p. 158. n. 861, pl. 475. figs. 2, 3 (1845).

Satyrus Pontica, *Westwood* in *Gen. Diurn. Lepid.* p. 390. n. 22 (1851).

Turkey, Crete, Smyrna.

♂ ♀, B.M.

6. *Hipparchia Thelephassa*.

♂ ♀. *Eumenis Thelephassa*, *Hübner*, *Exot. Schmett.* ii. pl. 85. figs. 1–4 (1806).

♂. *Satyrus Thelephassa*, *Herrich-Schäffer*, *Eur. Schmett.* i. figs. 305, 306, (♀) 178, 179 (1843-45); ♀, *Duponchel*, *Lép. de France*, i. p. 184. n. 42, pl. 28. figs. 1, 2 (1832).

♀. *Papilio* (*Hipparchia*) *Anthelea*, *Freyer*, *Neuere Beiträge*, iii. tab. 265. fig. 3 (1839).

♀. *Satyrus Anthelea*, *Boisduval*, *Icon. Hist. Lép.* pl. 41. figs. 3, 4 (1832); also of *Hewitson* (1851).

Local form, ♂ ♀. *Hipparchia Thelephassa*, *Klug & Ehrenberg*, *Symb. Phys. Ins.* tab. 29. figs. 1-4 (1829-45).

Syria (Klug), Persia, Russia.

♂ ♀, B.M.

Though allied to *Anthelea*, this species must surely be distinct; *Pontica*, however, is only a slight variety, although Westwood has retained it as a species.

7. *Hipparchia Pelopea*.

Hipparchia Pelopea, *Klug in Ehrenb. & Hempr. Symb. Phys.* tab. 29. figs. 5-8 (1829-45).

Satyrus Pelopea, *Westwood in Gen. Diurn. Lepid.* p. 391. n. 29 (1851).

Syria, Persia.

B.M.

8. *Hipparchia Hippolyte*.

Papilio (*Nymph. Gemm.*) *Hippolyte*, *Esper*, *Schmett.* i. pt. 2. p. 164 (1777).

Papilio Hippolyte, *Zetterstedt*, *Ins. Lappon.* p. 901. n. 3 (1840).

Satyrus Hippolyte, *Boisduval*, *Icon. Hist. Lép.* p. 210. n. 5, pl. 42. figs. 1, 2 (1832).

Hipparchia Hippolyte, *E. Doubleday*, *List Lep. Brit. Mus.* i. p. 132 (1844).

Papilio Hippolyte (*sic*), *Herbst*, *Natursyst. Schmett.* viii. p. 200. n. 118, tab. 211. figs. 3, 4 (1796).

Papilio (*Hipparchia*) *Hippolyte*, *Freyer*, *Neuere Beiträge*, iii. tab. 278. figs. 1, 2 (*Hippolyte*), p. 119. n. 455 (1839).

Papilio (*Nymph. Gemm.*) *Agave*, *Esper*, *Schmett.* i. pt. 2. tab. 84. cont. 34. fig. 4, ♂ (1777).

Papilio Agave, *Borkhausen*, *Naturgesch. Schmett.* i. p. 102. n. 43 (1788); *Hübner*, *Eur. Schmett.* i. pl. 30. figs. 139, 140 (1805).

Papilio Aleyone, *Fabricius*, *Ent. Syst.* iii. pt. 1. p. 231. n. 724 (1793).

Satyrus Aleyone, *Godart*, *Enc. Méth.* ix. p. 517. n. 112 (1819).
Russia.

B.M.

9. *Hipparchia Hübneri*.

Satyrus Hübneri, *Felder*, *Reise der Fregatte Novara*, iii. tab. 69. figs. 8, 9 (published 1867).

Eastern Himalayas (Felder).

Closely allied to *H. Hippolyte*, Esper; according to Felder most nearly allied to *H. Agave*, Esper.

10. *Hipparchia Beroë*.

Satyrus Beroë, *Herrich-Schäffer*, *Eur. Schmett.* i. figs. 108–111 (1843).

Papilio (*Hipparchia*) Beroë, *Freyer*, *Neuere Beiträge*, v. p. 53. n. 724, tab. 415. figs. 1, 2 (1845).

Var. ♀. Satyrus Mamurra, *Herrich-Schäffer*, *Eur. Schmett.* i. figs. 314, 315 (1843–45).

Turkey, Crete.

B.M.

11. *Hipparchia Geyeri*.

Satyrus Geyeri, *Herrich-Schäffer*, *Eur. Schmett.* i. figs. 301, 302 (1843–45).

Ararat.

12. *Hipparchia Autonoë*.

Papilio (Nymph. Gemm.) Autonoë, *Esper*, *Schmett.* i. pt. 2. tab. 86. cont. 36. figs. 1–3 (1777).

Papilio Autonoë, *Borkhausen*, *Naturgesch. Schmett.* i. p. 103. n. 45 (1788).

Satyrus Autonoë, *Godart*, *Enc. Méth.* ix. p. 518. n. 114 (1819).

Papilio (*Hipparchia*) Autonoë, *Freyer*, *Neuere Beiträge*, iii. p. 127. n. 465, tab. 283. figs. 1, 2 (1839).

Hipparchia Autonoë, *E. Doubleday*, *List Lep. Brit. Mus.* i. p. 132 (1844).

Papilio Autonoë (*sic*), *Herbst*, *Natursyst. Schmett.* viii. p. 205. n. 120 (1796).

Var. ♀? Papilio Autonoë, *Hübner*, *Eur. Schmett.* i. pl. 30. figs. 137, 138 (1805).

Russia.

B.M.

13. *Hipparchia Arethusa*.

Papilio Arethusa, *Denis*, *Wien. Verz.* p. 169. n. 16 (1775); *Hübner*, *Eur. Schmett.* i. pl. 190. figs. 937, 938 (1805).

Papilio (Nymph. Gemm.) Arethusa, *Esper*, *Schmett.* i. pt. 2. tab. 69. cont. 19. figs. 3, 4 (1777).

Satyrus Arethusa, *Godart*, *Enc. Méth.* ix. p. 517. n. 113 (1819); *Lép. de France*, i. p. 141. n. 45, pl. 7 tert. fig. 2 (1821).

Hipparchia Arethusa, *E. Doubleday*, *List Lep. Brit. Mus.* i. p. 132 (1844).

Papilio Arethusus, *Herbst*, *Natursyst. Schmett.* viii. p. 166, tab. 206. figs. 3–6 (1796).

Russia, Germany, Odessa.

B.M.

Var. ERYTHIA.

♂. *Papilio Erythia*, *Hübner, Eur. Schmett.* i. pl. 115. figs. 591, 592 (1805).

♀ *Var.?* *Papilio Arethusa*, *ibid.* pl. 34. figs. 154, 155.

Satyrus Arethusa, *var. Boabdil, Herrich-Schäffer, Eur. Schmett.* i. figs. 474-476 (1843-45).

Spain.

B.M.

Var. BOABDIL.

Satyrus Boabdil, Rambur, Faun. Ent. de l'Andal. pl. 12. figs. 1, 2 (1842).

Papilio (Hipparchia) Arethusa, Freyer, Neuere Beiträge, vi. p. 134. n. 1032, tab. 567. fig. 3 (1852).

Spain (Rambur), Bordeaux.

B.M.

14. *Hipparchia Heidenreichii.*

Satyrus Heidenreichii, Lederer, Verhandl. zool.-botan. Gesellsch. Wien, iii. p. 359, pl. 1. fig. 2 (1853).

Altai Mountains.

B.M.

15. *Hipparchia Briseis.*

Papilio Briseis, Linnæus, Syst. Nat. ii. p. 770. n. 139 (1766); *Hübner, Eur. Schmett.* i. pl. 28. figs. 130, 131 (1805).

Papilio (Hipparchia) Briseis, Freyer, Neuere Beiträge, vi. p. 3. n. 871, tab. 481 (1852).

Satyrus Briseis, Godart, Enc. Méth. ix. p. 514. n. 109 (1819); *Lép. de France*, i. p. 134. n. 42, pl. 7. fig. 1 (1821); also of *Herrich-Schäffer*.

Hipparchia Briseis, Westwood & Humphreys, Brit. Butterf. p. 68, pl. 19. figs. 1, 2 (1840).

Papilio Ianthé major, Esper, Schmett. i. pt. 1. tab. 26. *Suppl.* ii. fig. 1; minor, *ibid.* fig. 2 (1777).

Maniola Ianthé, Schrank, Faun. Boic. ii. pt. 1. p. 182. n. 1316 (1801).

Papilio Dædale, Bergsträsser, Nomenclat. Inst. pt. 4. tab. 94. figs. 1, 2 (1780); also of *Borkhausen* (1788).

Germany, South Europe.

B.M.

Var. ♀. Papilio (Nymph. Gemm.) pirata, Esper, Schmett. i. pt. 2. tab. C. cont. 55. fig. 3 (1777).

Papilio pirata, Hübner, Eur. Schmett. i. pl. 118. figs. 604, 605 (1805).

South Europe.

B.M.

Local form, ♂. Fascia anticarum latiore et minus interrupta, margine postico posticarum albicante, maculis subtus minoribus.

Persia.

B.M.

Var. PRIEURI.

Satyrus Prieuri, *Pierret in Ann. Soc. Ent. France*, vi. p. 304. pl. 12. fig. 6 (1837); also of *Westwood* (1851).

Barbary.

Only a local form of *Briseis*.

16. *Hipparchia Persephone.*

Papilio Persephone, *Hübner, Eur. Schmett.* i. pl. 115. figs. 589, 590, and pl. 140. figs. 710, 711 (1805).

Papilio anthe, *Ochsenheimer, Schmett. v. Eur.* i. p. 169. n. 2 (1807).

Satyrus anthe, *Godart, Enc. Méth.* ix. p. 826. nos. 109, 110 (1819); also of *Duponchel* and *Boisduval* (1832).

Russia.

B.M.

♀. *Local form.* *Anticæ* subtus ferruginosæ, maculis nigris minoribus; posticæ fascia media albicante, area basali magis fuscescente.

Syria (Mount Hermon).

B.M.

Satyrus anthe, *var. Caucasica*, *Hanifa, Nordmann, in Bull. Soc. Imp. Nat. Mosc.* p. 406, tab. 9. figs. 1–3 (1851).

Local form. Fasciis supra ferrugineis, maculis nigris minoribus; anticarum subtus magis ferrugineis; fascia media posticarum minus albicante; aliter velut præcedens.

Persia.

♀, B.M.

This form is very like *Pelopea* on the upperside, but without the white intermacular spots.

Ochsenheimer has substituted the name *anthe* for *Persephone* on the ground of this name having been previously used by *Fabricius*; Such a name, however, does not seem to exist amongst the *Satyridae*. *Persiphone* (sic), *Ent. Syst.* iii. pt. 1. p. 542, seems to represent an *Acrea*, not a *Satyrus*.

17. *Hipparchia Bischoffii.*

Satyrus Bischoffii, *Herrich-Schäffer, Eur. Schmett.* i. figs. 307–310 (1843–45); also of *Hewitson* (1851).

Satyrus Bischoffii (sic), *Schaum, Bericht.* p. 231 (1851).

Russia.

B.M.

18. *Hipparchia Semele.*

Papilio Semele, *Linnaeus, Syst. Nat.* i. p. 474 (1758), ii. p. 772. n. 148 (1766); *Hübner, Eur. Schmett.* i. pl. 31. figs. 143, 144, pl. 167. figs. 826, 827 (1805); also of *Herbst* (1796).

Papilio (Nymph. Gemm.) *Semele*, *Esper, Schmett.* i. pt. 1. tab. 8. fig. 1 (var. ♀?) (1777).

Satyrus Semele, *Godart, Enc. Méth.* ix. p. 516. n. 111 (1819).
 Hipparchia Semele, *Stephens, Ill. Haust.* i. p. 56. sp. 4 (1828).
 Papilio Danaë, *Hufnagel, Berl. Mag.* ii. p. 82. n. 50 (1766).
Var. Satyrus Semele, *Herrich-Schäffer, Eur. Schmett.* i. figs. 182
 (1843–1845).

England, Germany, South Europe. B.M.

Var. ♂. Alis supra nigrescentibus, fasciis omnibus obsoletis.

Europe. B.M.

Var. ♂. Coloribus consuetis, forma autem *Aristei*; alis anticis brevioribus.

Jersey. B.M.

Var. ARISTÆUS.

Papilio (Satyrus) Aristæus, *Bonelli in Mem. R. Accad. Torino*,
 xxx. p. 177. sp. 3, tav. 2. figs. 1 ♂, 1 ♀ (1826); also of *Herrich-Schäffer*.

Satyrus Aristæus, *Westwood in Gen. Diurn. Lepid.* p. 390. n. 25
 (1851).

Papilio Semele, *Hübner, Eur. Schmett.* i. pl. 168. figs. 832–835
 (1805).

Satyrus Semele, *var. ?*, *Boisduval, Sp. Gén. Ind.* p. 31. n. 247
 (1836).

Var. Papilio (Hipparchia) Aristæus, *Freyer, Neuere Beiträge*, v.
 p. 25. n. 690, tab. 397. fig. 1 (1845).

Corsica. B.M.

19. Hipparchia Statilinus.

Papilio Statilinus, *Hufnagel, Tab. in Berl. Mag.* ii. p. 84. n. 52
 (1766); also of *Herbst and Ochsenheimer*.

Papilio (Hipparchia) Statilinus, *Freyer, Neuere Beiträge*, vi.
 p. 30. n. 899, tab. 499. figs. 2, 3 (1852).

Satyrus Statilinus, *Herrich-Schäffer, Eur. Schmett.* i. figs. 177;
Martianii ♀, 190, 191 (1843–45).

Papilio Arachne, *Denis, Wien. Verz.* p. 169. fam. F. n. 18
 (1775).

Papilio (Nymph. Gemm.) Arachne, *Esper, Schmett.* i. pt. 2. tab.
 95. cont. 50. figs. 3, 4.

Papilio (Nymph. Gemm.) Fauna, *ibid.* pt. 1. tab. 29. *Suppl.* v.
 fig. 1, and pt. 2. tab. 63. cont. 13. fig. 7 (1777).

Papilio Fauna, *Sulzer, Gesch. Ins.* pt. 2. p. 145, tab. 17. figs. 8, 9
 (1776); also of *Hübner* (1805).

Satyrus Fauna, *Godart, Enc. Méth.* ix. p. 520. n. 121 (1819);
Lép. de France. i. p. 143. n. 46, pl. 7 tert. fig. 3 (1821);
 also of *Westwood* (1851).

Hipparchia Fauna, *E. Doubleday, List Lepid. Brit. Mus.* i. p. 130
 (1844).

Papilio (Nymph. Gemm.) *Fidia*, *Esper*, *Schmett.* i. pt. 2. tab. 52. cont. 2. fig. 4 (1777).

Papilio Fidia, *Herbst*, *Natursyst. Schmett.* viii. tab. 200. figs. 1, 2 (1796).

France.

♂ ♀, B.M.

Var. ALLIONIA.

Papilio (Nymph. Gemm.) *Allionia*, *Esper*, *Schmett.* i. pt. 2. tab. 105. cont. 60. fig. 4 (1777).

Papilio Allionia, *Cyrrillus*, *Ent. Neap.* sp. 1. tab. 2. fig. 13 (1787-92); also of *Fabricius* and *Ochsenheimer*.

? *Papilio Allionius*, *Herbst*, *Natursyst. Schmett.* viii. p. 130. n. 71, tab. 201. figs. 5, 6 (1796).

? *Papilio Actæa*, *De Villers*, *Ent. Linn.* tab. iv. fig. 9 (1789).

South Europe, Naples.

♂, B.M.

This is only a variety of the true *Statilinus*; it is slightly larger, and with the central band below more distinctly margined with white.

Var. Subtus fascia albida magis albicante, ocellis anticarum supra obsoletis.

Athens.

♂, B.M.

20. ***Hipparchia fatua.***

♂ ♀. *Papilio* (*Hipparchia*) *fatua*, *Freyer*, *Neuere Beiträge*, v. p. 54. n. 725, tab. 415. figs. 3, 4 (1845).

♀. *Satyrus fatua*, *Herrieh-Schäffer*, *Eur. Schmett.* i. figs. 192, 193 (1845).

Papilio Allionii, *Hübner*, *Eur. Schmett.* i. pl. 165. figs. 818, 819 (1805); but not *Allionia* of *Esper*.

Athens.

♂ ♀, B.M.

21. ***Hipparchia Pisidice.***

Hipparchia Pisidice, *Klug in Ehrenb. & Hempr. Symb. Phys.* t. 29. figs. 9, 10 (1829-45).

Satyrus Pisidice, *Westwood in Gen. Diurn. Lepid.* p. 391. n. 30 (1851).

Mount Sinai.

Seems to be closely allied to *Statilinus* (var. *Allionia*), but wants the second ocellus on the underside of the front wings, and differs in other particulars.

22. ***Hipparchia Fidia.***

Papilio Fidia, *Linnaeus*, *Syst. Nat.* 12th ed. ii. pt. 1. p. 770. n. 138 (1766); *Hübner*, *Eur. Schmett.* i. pl. 32. figs. 147, 148 (1805); also of *Fabricius*, *Ochsenheimer*, *Borkhausen*, &c.

Papilio (Nymph. Gemm.) *Fidia*, *Esper*, *Schmett.* i. pt. 1. tab. 49. *Suppl.* xxv. fig. 3 (1777).

Satyrus Fidia, *Godart*, *Enc. Méth.* ix. p. 520. n. 120 (1819); *Lép. de France*, ii. p. 90. n. 29, pl. 11. figs. 3, 4 (1822); also of *Westwood*.

Hipparchia Fidia, *E. Doubleday*, *List Lep. Brit. Mus.* i. p. 130 (1844).

Papilio Lusitanica, *Petiver*, *Gazoph.* i. tab. 7. fig. 5. n. 147 (1709).

Germany, France.

B.M.

Var. *Alæ multo majores, maculis supra distinctioribus.*

Gibraltar.

B.M.

23. *Hipparchia Parisatis*.

Satyrus Parisatis, *Kollar*, *Denkschrift K. Akad. Wissenschaft. Wien*, p. 52. sp. 7 (1850).

Satyrus macrophthalmus, *Eversmann in Bull. Soc. Imp. Nat. Mosc.* p. 615 (1851).

Russian Armenia (Eversm.), Persia.

B.M.

24. *Hipparchia Chiliensis*.

Satyrus Chiliensis, *Guérin*, *Voyage Coquille*, *Zool. Ins.* p. 280; *Atlas, Ins.* n. 16. figs. 4, 5 (1832).

Erebia Chiliensis, *Westwood in Gen. Diurn. Lepid.* p. 380. n. 53 (1851).

Erebia Chilensis (sic), *E. Doubleday*, *List Lep. Brit. Mus.* pt. 1. p. 127 (1844); also of *Gay* (1852).

Chili.

B.M.

25. *Hipparchia ? Flora*.

Satyrus Flora, *Philippi*, *Linnaea Entomologica*, xiv. p. 267. n. 4 (1860).

Chili (near Corral Valdivia).

Herr Philippi does not state the affinities of this species; but, judging from his description of the coloration of the underside, it seems to come near *Chiliensis*. Felder, however, seems to look upon it as an *Epinephele*.

26. *Hipparchia ? Boisduvalii*.

Erebia Boisduvalii, *Blanchard in Gay's Fauna Chilena*, vii. p. 32. n. 2 (1852).

Chili.

Seems to be allied to *Chiliensis*, but has the subapical ocellus of the front wings bipupillate on the underside.

27. *Hipparchia*? *Ridingsii*.

Satyrus Ridingsii, *Edwards*, *Proc. Ent. Soc. Philad.* iv. p. 201 (1865); *Reakirt*, vi. p. 145 (1866).

Colorado Territory.

Seems, from the description, to be allied to *Chiliensis*; but as no notice is taken of its affinities, it is impossible to determine its true position. It may be a species of *Æneis*.

Genus HIPPARCHIA, *Fabricius*.

Subgenus 1. COSMOSATYRUS *, *Felder* (1867).

Typical Species *Cosmosatyrus leptoneuroides*.

1. *Cosmosatyrus leptoneuroides*.

Cosmosatyrus leptoneuroides, *Felder*, *Reise der Fregatte Novara*, iii. p. 495. n. 857 (1867).

Chili (*Felder*).

Subgenus 2. SATYRUS, *Westwood* (nee *Godart*)†.

Typical Species *Satyrus Actæa*.

1. *Satyrus Actæa*.

Papilio (Nymph. Gemm.) *Actæa*, *Esper*, *Eur. Schmett.* i. pt. 2. tab. 57. cont. 7. figs. 1a, 1b (1777).

Papilio Actæa, *Borkhausen*, *Naturgesch. eur. Schmett.* i. p. 98. n. 38 (1788); *Hübner*, *Eur. Schmett.* i. pl. 33. figs. 151, 152, pl. 119. figs. 610, 611 (1805).

Satyrus Actæa, *Godart*, *Enc. Méth.* ix. p. 522. n. 124 (1819); *Lép. de France*, i. p. 145. n. 47, pl. 7 quart. fig. 1 (1821).

♀. *Papilio Actæus*, *Herbst*, *Natursyst. Schmett.* viii. tab. 201. figs. 1, 2 (1796).

Germany.

♂ ♀, B.M.

Var.? *Anticæ* supra ocello subanali magno nigro.

Germany?

♀, B.M.

Var.? *Papilio Actæus*, *Herbst*, *Natursyst. Schmett.* viii. p. 123, tab. 200. figs. 7, 8 (♂), but not tab. 201. figs. 1, 2 (1796).

Spain.

♂ ♀, B.M.

* Nearly allied to the *Chiliensis* group, but differing in its longer palpi and shorter upper discocellular in the front wing.

† The type of *Godart's Satyrus* was *Hipio Constantia* of *Cramer*.

Satyrus. Alis apice anticarum minus acuto, antennis subintegris, lineis mediis subtus undulatis.

Var. PODARCE.

Satyrus Podarce, *Herrich-Schäffer*, *Eur. Schmett.* i. figs. 49–51 (1843–45).

Spain.

♂, B.M.

We have only a single specimen of this insect, unless the preceding variety is another form of it. It seems scarcely to be a distinct species.

2. *Satyrus Pimpla.*

Satyrus Pimpla, *Fehler*, *Reise der Fregatte Novara*, iii. tab. 69. figs. 10, 11 (1867).

Eastern Himalayas (Felder).

Most nearly allied to *Actea*, *Esper*.

3. *Satyrus Cordula* (? *S. Ferula*).

Papilio Cordula, *Fabricius*, *Ent. Syst.* iii. pt. 1. p. 226. n. 708 (1793); var. ♀, *Hübner*, *Eur. Schmett.* i. pl. 121. figs. 619, 620 (1805).

♀. *Satyrus Cordula*, *Godart*, *Enc. Méth.* ix. p. 522. n. 123 (1819); *Lép. de France*, ii. p. 94. n. 31, pl. 12. figs. 3, 4 (1822) as ♂.

Hipparchia Cordula, *E. Doubleday*, *List Lep. Brit. Mus.* i. p. 129 (1844).

Italy.

♂ ♀, B.M.

? *Var. Papilio Ferula*, *Fabricius*, *op. cit.* p. 225. n. 707 (1793).

Italy.

Var. BRYCE.

Papilio Bryce, *Hübner*, *Eur. Schmett.* i. pl. 144. figs. 724–727 (1805); also of *Ochsenheimer* (1807).

Satyrus Bryce, *Godart*, *Enc. Méth.* ix. p. 522. n. 123 (1819); *Lép. de France*, ii. p. 92. n. 30, pl. 12. figs. 1, 2 (1822); also of *Westwood* (1851).

Papilio Hippolytus, *Herbst*, *Natursyst. Schmett.* viii. p. 126. n. 67, tab. 201. figs. 3, 4 (1796).

♀. *Var. ? Papilio Hippodice*, *Hübner*, *Eur. Schmett.* i. pl. 142. figs. 718, 719 (1805).

Russia.

♂ ♀, B.M.

A local race of *S. Cordula* of *Fabricius*.

Hippolytus of *Herbst* will remain as a synonym of this race, as the name *Hippolyte* has already been used in *Hipparchia* proper.

Var. PÆAS.

Papilio (Nymph. Gemm.) Pæas, *Esper, Schmett.* i. pt. 2. tab. 112. cont. 67. fig. 1 (1777).

Papilio Pæas, *Hübner, Eur. Schmett.* i. pl. 29. figs. 132, 133 (1805).

Papilio Aetæa, *Fabricius, Ent. Syst.* iii. pt. 1. p. 225. n. 705 (1793).

Var. ? Papilio Proserpina, *Cyrrill. Ent. Neap.* i. tab. 2. fig. 11 (1787).

Papilio Cyrrillus, *Herbst, Natursyst. Schmett.* viii. p. 165. n. 99, tab. 206. figs. 1, 2 (1796).

Russia.

♂ ♀, B.M.

4. **Satyrus Glaucopæ.**

Epinephele Glaucopæ, *Felder, Reise der Fregatte Novara*, iii. tab. 67. figs. 5, 6 (1867).

Brazil (Felder).

Allied to *Bryce*. It does not seem to be allied to *Coctei*, as Felder states in his description.

5. **Satyrus Abd-el-Kader.**

♂. Satyrus Abd-el-Kader, *Pierret in Ann. Soc. Ent. de France*, vi. p. 19, pl. 1. figs. 5, 6 (1837).

♀. *Lucas, Expl. Algér. Léop.* pl. 2. figs. 3, 3a (1849).

Algeria.

Allied to *S. Bryce*.

6. **Satyrus Virbius.**

Papilio (Hipparehia) Virbius, *Freyer, Neuere Beiträge*, v. p. 135. n. 828, tab. 463. figs. 1, 2 (1845).

Satyrus Virbius, *Herrich-Schäffer, Eur. Schmett.* i. figs. 45-48 (1843-45).

South Russia.

Intermediate between *Bryce* and *Phædra*.

Section MINOIS, *Hübner*.

Typical Species *Minois (Phædra) Dryas*.

7. **Satyrus Dryas.**

Papilio Dryas, *Scopoli, Ent. Carn.* p. 153. n. 429, fig. 429 (1763).

Papilio (Nymph. Gemm.) Dryas, *Esper, Schmett.* i. pt. 1. tab. 40. *Suppl.* lxvi. figs. 1, 2 (1777).

Papilio Phædra, *Linnaeus, Syst. Nat.* ii. p. 773. n. 150 (1766);

- Hübner, Eur. Schmett.* i. pl. 28. figs. 127–129 (1805); also of *Fabricius, Ochsenheimer, Borkhausen, and Herbst.*
Maniola Phædra, Schrank, Faun. Boic. p. 181 (1801).
Hipparchia Phædra, Stephens, Ill. Haust. p. 56. sp. 5 (1828); also of *Wood.*
Var. ♀. Satyrus Phædra, Godart, Enc. Méth. ix. p. 523. n. 126 (1819); *Lép. de France*, i. p. 147. n. 48, pl. 7 quart. fig. 2 (1821); also of *Westwood* (1851).
Papilio (Nymph. Gemm.) Briseis, Esper, Schmett. i. pt. 1. tab. 6. fig. 1 (1777).
Papilio Athene, Borkhausen, Naturgesch. eur. Schmett. i. p. 71. n. 8 (1788).
 France, Switzerland, Germany. B.M.
Var. Alis multo majoribus, ocellis permagnis.
 Japan. B.M.
Var. Magnitudine consueta, sed alis magis fusciscentibus.
 Hakodadi and Northern India. B.M.
Var. Major et paulum pallidior, ocellis magnis.
 North China. B.M.

8. *Satyrus Alope.*

- Papilio Alope, Fabricius, Ent. Syst.* iii. pt. 1. p. 229. n. 715 (1793).
Satyrus Alope, Godart, Enc. Méth. ix. p. 524. n. 127 (1819); *Boisduval & Leconte, Icon. Lép. Am. Sept.* p. 228, pl. 59 (1833).
Enodia? Alope, E. Doubleday, List Lep. Brit. Mus. i. p. 136 (1844).
Satyrus (Enodia) Alope, Westwood in Gen. Diurn. Lepid. p. 392. n. 45 (1851).
Enodia Alope, Reakirt, Proc. Ent. Soc. Philad. vi. p. 145 (1866).
 United States. B.M.

9. *Satyrus Pegala.*

- Papilio Pegala, Fabricius, Ent. Syst.* iii. pt. 1. p. 230. n. 720 (1793).
Satyrus Pegala, Godart, Enc. Méth. ix. p. 524. n. 128 (1819).
Satyrus (Enodia) Pegala, Westwood in Gen. Diurn. Lepid. p. 392. n. 46 (1851).
 North America.

This species appears from the description to be closely allied to *Alope*; it, however, has only one ocellus in the front wings.

10. **Satyrus Ariane.**

Satyrus Ariane, *Boisduval, Ann. Soc. Ent. France*, p. 307. n. 58 (1852).

Enodia Ariane, *Reakirt, Proc. Ent. Soc. Philad.* vi. p. 145 (1866).

California. ♂ ♀, B.M.

11. **Satyrus Nephela.**

Hipparchia Nephela, *Kirby in Fauna Boreali-Amer.* p. 297. n. 415 (1837).

Erebia Nephela, *Westwood in Gen. Diurn. Lepid.* p. 380. n. 42 (1851).

Canada (Kirby), Canada West. ♂ ♀, B.M.

Kirby's description of this species is not good; it applies best to the female. The preceding species is probably a local form of this insect.

12. **Satyrus Cænonympha.**

Epinephela Cænonympha, *Felder, Reise der Fregatte Novara*, iii. tab. 69. figs. 14, 15 (1867).

Eastern Himalayas, Ladak, Suroo (Felder).

Allied to *Sthenele*, Boisd.

13. **Satyrus Sthenele.**

Satyrus Sthenele, *Boisduval, Ann. Soc. Ent. France*, p. 308. n. 60 (1852).

Satyrus silvestris, *Edwards, Proc. Acad. Nat. Sci. Philad.* p. 162 (1861).

California. B.M.

14. **Satyrus Hyperantus.**

Papilio Hyperantus, *Linnaeus, Fauna Suec.* p. 273. n. 1041 (1761); *Syst. Nat.* i. p. 471 (1758), ii. p. 768. n. 127 (1766).

Papilio Hyperanthus (*sic*), *Füssli, Schweiz. Ins.* p. 29. n. 556 (1775).

Papilio (Nymph. Gemm.) Hyperanthus (*sic*), *Esper, Schmett.* i. pt. 1. tab. 5. fig. 1 (1777).

Satyrus Hyperanthus, *Godart, Enc. Méth.* ix. p. 538. n. 162 (1819).

Hipparchia Hyperanthus, *Stephens, Ill. Haust.* i. p. 60. sp. 10 (1828).

Enodia Hyperanthe, *Hübner, Verz. bek. Schmett.* p. 61. n. 589 (1816).

Papilio Polymeda, *Scopoli, Ent. Carn.* p. 157. n. 434. fig. 434 (1763).

Var. Papilio Arete, Müller, *Faun. Fridr.* p. 36. n. 330.

Var. Papilio vidua, *ibid.* n. 331 (1764).

Prussia, Germany, France, South Europe.

B.M.

Genus 11. ELINA, Blanchard (1852).

Typical Species *Elina vanessoides*.

1. *Elina vanessoides*.

Elina vanessoides, Blanchard in Gay's *Fauna Chilena*, vii. p. 28, lam. 5. figs. 5, 6 (1852).

Chili.

2. *Elina Lefebvrei*.

Satyrus Lefebvrei, Guérin, *Voy. de la Coquille*, p. 281 (1829).

Satyrus Montrolii, Feisthamel, *Magas. de Zool.* ix. pl. 20 (1839).

Lasiommata Montrolii, Westwood in *Gen. Diurn. Lep.* p. 387. n. 15 (1851).

Elina Montrolii, Gay, *Fauna Chilena*, vii. p. 28, lam. 5. fig. 7 (1852).

Chili.

Genus 12. EPINEPHELE, Hübner.

Typical Species *Epinephele Janira*.

1. *Epinephele Eudora*.

♀. *Papilio* (Nymph. Gemm.) *Eudora*, Esper, *Schmett.* i. pt. 1. tab. 45. *Suppl.* xxi. fig. 1; ♂ ♀, pt. 2. tab. 69. cont. 19. figs. 1, 2 (1777).

Papilio Eudora, Fabricius, *Ent. Syst.* iii. pt. 1. p. 243. n. 755 (1793); Hübner, *Eur. Schmett.* i. pl. 36. figs. 163, 164 (♀ var.) (1805); also of *Ochsenheimer*.

Satyrus Eudora, Godart, *Enc. Méth.* ix. p. 541. n. 164 (1819): *Lép. de France*, ii. p. 128. n. 48, pl. 18. figs. 1-3 (1822).

Papilio Eudorus, Herbst, *Natursyst. Schmett.* viii. p. 163, tab. 205. figs. 5-8 (1796).

Papilio Lycaön, Müller, *Naturforsch.* iii. tab. 2. figs. d-f, vi. p. 17 (1784?).

Papilio Jurtina, Hübner, *Eur. Schmett.* i. pl. 36. fig. 160 (1805).

Germany.

B.M.

Var. ♀. *Alis* supra pallidioribus, anticis omnino ochreo flavescens, fascia anticarum quoque magis distincta: *alis* subtus multo pallidioribus.

Sweden.

B.M.

2. *Epinephele Rhamnusia*.

Papilio (*Hipparchia*) *Rhamnusia*, *Freyer, Neuere Beiträge*, v. p. 125. n. 817, tab. 457. figs. 2, 3 (1845).

Erebia Rhamnusia, *Herrich-Schäffer, Eur. Schmett.* i. figs. 377, 378 (♀), 427, 428 (♂) (1845).

Satyrus Rhamnusia, *Westwood in Gen. Diurn. Lepid.* p. 391. n. 33 (1851).

Mount *Ætna* (*Freyer*).

3. *Epinephele pulchella*.

Epinephele pulchella, *Felder, Reise der Fregatte Novara*, iii. tab. 69. fig. 16 (1867).

Eastern Himalayas (*Felder*).

Allied to *E. Eudora*.

4. *Epinephele pulchra*.

Epinephele pulchra, *Felder, Reise der Fregatte Novara*, iii. p. 491. n. 848 (1867).

Eastern Himalayas (*Felder*).

"Nearly allied to *E. pulchella*, *Feld.*, but of the size of *E. Eudora*, *Fabr.*"

5. *Epinephele Davendra*.

Epinephele Davendra, *F. Moore, Proc. Zool. Soc. London*, p. 502. n. 94, pl. 30. fig. 7 (1865).

Spiti and Tibet (*Moore*).

6. *Epinephele Cheena*.

Epinephele Cheena, *F. Moore, Proc. Zool. Soc. London*, p. 501. n. 93, pl. 30. fig. 6 (1865).

Kunawur (*Moore*).

7. *Epinephele Hispulla*.

♂ ♀. *Papilio* (*Nymph. Gemm.*) *Hispulla*, *Esper, Schmett.* i. pt. 2. tab. 119, cont. 74. figs. 1, 2 (1777).

♂ ♀. *Papilio Hispulla*, *Hübner, Eur. Schmett.* i. pl. 116. figs. 593-596 (1805).

Malta, South Europe.

♂ ♀, B.M.

8. *Epinephele pallescens*, sp. nov. Pl. III. fig. 3.

Alæ supra pallide olivaceo-fusæ, ciliis albidis : anticæ maris fascia interna basali cinerascens ; margine externo paulum fuscescente, puncto subapicali nigro : feminæ macula disco-cellulari duabusque elongatis et puncto discalibus serie directa aurantiacis ; ocello subapi-

cali nigro magno pupillis duobus oblique positis (inferiore minore), fulvoque irregulariter cincto: posticæ maris et feminae undulatæ.

Alæ subtus fere velut in *Ida*, lineis mediis forma distantibus.

Exp. alar. unc. ♂ 2, ♀ 2½.

Persia.

♂ ♀, B.M.

9. *Epinephele Janira*.

♂. *Papilio Janira*, *Linnaeus, Syst. Nat.* i. p. 475 (1758), ii. p. 774. n. 156 (1766); also of *Fabricius* (1793).

Papilio (Nymph. Gemm.) *Janira*, *Esper, Schmett.* i. pt. 1. tab. 10. figs. 1, 2 (1777).

Papilio (Hipparchia) *Janira* (hermaphr.), *Freyer, Neuere Beiträge*, v. p. 138. n. 832, tab. 464. fig. 4 (1845).

Satyrus Janira, *Godart, Enc. Méth.* ix. p. 539. n. 163 (1819); also of *Zetterstedt (Ins. Lap.)* and *Westwood*.

Hipparchia Janira, *Stephens, Ill. Haust.* i. p. 59. sp. 9 (1828); also of *Westwood* and *Humphreys*.

Papilio Janirus, *Herbst, Natursyst. Schmett.* viii. p. 168. n. 101, tab. 206. figs. 7, 8, tab. 207. figs. 1, 2 (1796).

♀. *Papilio Jurtina*, *Linnaeus, Syst. Nat.* i. p. 475 (1758), ii. p. 774. n. 155 (1766); *Hübner, Eur. Schmett.* i. pl. 36. figs. 161, 162 (1805).

England (British Coll.), Germany.

B.M.

Var. JANIRULA.

Papilio (Nymph. Gemm.) *Janirula*, *Esper, Schmett.* i. pt. 2. tab. 113. cont. 68. fig. 1 (1777).

England.

♂, B.M.

This insect, though probably only a small variety of *Janira*, is in form sufficiently distinct for a species. The front wings are much more produced than in true *Janira*, so that it has somewhat the appearance of *E. Coctei*, a species placed by Westwood in the genus *Erebia*; the coloration of the underside is also somewhat similar to that of the latter species.

10. *Epinephele* ? *Servilia*.

Neomænas Servilia, *Wallengren in Kongl. Vet. Akad. Forhandl.* p. 78 (1858), and sp. descr. *Wien. ent. Monatschr.* iv. p. 36. n. 13 (1860). ? *Neomænas Cocti, Guér.*

Valparaiso.

11. *Epinephele monachus*.

Satyrus monachus, *Blanchard in Gay's Fauna Chilena*, vii. p. 35. n. 5 (1852).

Satyrus tristis, ibid. lam. 3. fig. 1 (1852).

Chili.

Allied to *E. Coctei*. The latter species is figured on the same plate and has been carelessly named *janirioides*. The figures of these species are not good, and only represent the upperside of the wings.

12. *Epinephele Pales*.

Satyrus Pales, *Philippi, Linnæa Entomologica*, xiv. p. 268. n. 5 (1860).

Chili (San Juan).

According to Philippi this is closely allied to *Coctei*; it seems only to differ in the absence of one or two points upon the underside of the hind wings; but not having seen the insect, it appears better to retain it as a distinct species.

13. *Epinephele Limonias*.

Satyrus Limonias, *Philippi, Linn. Ent.* xiv. p. 268. n. 6 (1860).

Chili (Valdivia).

Possibly another form of *Coctei*; it appears, however, to have greater claims to distinction than the preceding, the hind wings being more distinctly dentated with a ferruginous abbreviated band and with a reddish violet gloss.

14. *Epinephele Dryas*.

Epinephele Dryas, *Felder, Reise der Fregatte Novara*, iii. p. 492. n. 851 (1867).

Chili (Felder).

"Nearly allied to *Limonias*, but larger, the front wings with the costal, the hind wings with the inner margin longer, the outer margin of the front wings less waved."

15. *Epinephele Valdiviæ*.

Epinephele Valdiviæ, *Felder, Reise der Fregatte Novara*, iii. p. 493. n. 852 (1867).

Chili, Valdivia (Felder).

"In form of wing most like *E. Flora*" (*Hipparchia Flora*, antè), but considerably larger.

16. *Epinephele poliozona*.

Epinephele poliozona, *Felder, Reise der Fregatte Novara*, iii. p. 493. n. 853 (1867).

Chili, Valdivia (Felder).

A little larger than the male of *Coctei*; the wings entire, the outer margin of the front wings straight.

17. Epinephele Coctei.

Satyrus Coctei, *Guérin, Voyage Coquille, Zool. Ins.* pt. 2. div. 1. p. 281 (1832); *Mag. de Zool. Ins.* pl. 11 (1839).

Erebia Coctei, *Westwood in Gen. Diurn. Lepid.* p. 380. n. 52 (1851).

Var. Satyrus tristis, *Guérin, Voy. Coq. Zool.* p. 281.

Argynnis tristis, *ibid. Atlas, Ins.* n. 15. fig. 5 (1832).

Erebia tristis, *Westwood in Gen. Diurn. Lepid.* p. 380. n. 54 (1851).

Satyrus janirioides, *Blanchard in Gay's Fauna Chilena*, lam. 3. fig. 2 (1852).

Chili.

B.M.

18. Epinephele Telmessia.

Epinephele Telmessia, *Herrich-Schäffer, Eur. Schmett.* i. figs. 479-482 (1843-45).

Hipparchia Telmessia, *Zeller, Isis* (1847).

Satyrus Telmessia, *Westwood in Gen. Diurn. Lepid.* p. 391. n. 37 (1851).

Syria.

B.M.

19. Epinephele nemyroides.

Satyrus nemyroides, *Blanchard in Gay's Fauna Chilena*, vii. p. 33. n. 1. lam. 2. figs. 6-7 (1852); also of *Philippi* (1860).

Chili.

20. Epinephele janirioides.

Satyrus janirioides, *Blanchard in Gay's Fauna Chilena*, vii. p. 34. n. 2. lam. 2. fig. 8 (1852). *S. janirioides* on plate.

Chili.

The last two species are peculiar for the angular form of the front wings. The former somewhat resembles *Telmessia* above and *Ida* below; the latter appears to come near to *Tithonius*.

21. Epinephele Narica.

Papilio Narica, *Hübner, Eur. Schmett.* i. pl. 139. figs. 704-707 (1805).

Papilio (Hipparchia) Narica, *Freyer Neuere Beiträge*, v. p. 137. n. 831, tab. 464. figs. 2, 3 (1845).

Satyrus Narica, *Boisduval, Icon. Hist. Léop.* p. 212. n. 6, pl. 42. figs. 3-5 (1832); also of *Duponchel*.

South Ural.

22. Epinephele Amaryllis.

Papilio Amaryllis, *Geoffroy, Hist. Ins.* ii. p. 52. n. 20 (1764).

Satyrus Amaryllis, *Godart, Léop. de France*, i. p. 154. n. 51, pl. 7. fig. 2 (1821).

Papilio Amarillis (*sic*), *Ernst, Pup. d'Europe*, t. 1. p. 123, pl. 27. fig. 53 a-e (1779).

Papilio Tithonius, *Linnaeus, Mant.* i. p. 537 (1771).

Hipparchia Tithonus (*sic*), *Stephens, Ill. Haust.* i. p. 58. sp. 8 (1828).

Satyrus Tithonus, *Westwood in Gen. Diurn. Lepid.* p. 391. n. 36 (1851).

Papilio Herse, *Denis, Wien. Verz.* fam. F. p. 320. n. 8, 9 (1775).

Papilio pilosellæ, *Fabricius, Syst. Ent.* ii. p. 497 (1775).

Papilio (Nymph. Gemm.) *Phædra*, *Esper, Schmett.* i. pt. 1. tab. 9. fig. 1, tab. 28. *Suppl.* iv. fig. 3 (1777).

England (British Coll.), France.

B.M.

23. *Epinephele Ida*.

Papilio (Nymph. Gemm.) *Ida*, *Esper, Schmett.* i. pt. 2. tab. 92. cont. 42. fig. 2, tab. 102. cont. 57. fig. 3 (1777).

Papilio Ida, *Borkhausen, Naturgesch. eur. Schmett.* i. p. 105. n. 47 (1788).

Satyrus Ida, *Godart, Enc. Méth.* ix. p. 543. n. 167 (1819); *Lép. de France*, ii. p. 130. n. 49, pl. 18. figs. 4, 5 (1822).

Papilio Actæa, *Lang, Verz.* ii. p. 23. n. 165 (1789).

France, Malta, Germany.

B.M.

24. *Epinephele Roxane*.

Epinephele Roxane, *Felder, Reise der Fregatte Novara*, iii. tab. 69. figs. 12, 13 (1867).

Eastern Himalayas (Felder).

Allied to *E. Wagneri* and *E. Ida*. According to Dr. Felder, it is a local form of *E. Davendra* of Moore.

25. *Epinephele Pasiphaë*.

Papilio (Nymph. Gemm.) *Pasiphaë*, *Esper, Schmett.* i. pt. 2. tab. 67. cont. 17. fig. 4, tab. 97. cont. 52. fig. 1 (1777).

Papilio Pasiphaë, *Borkhausen, Naturgesch. eur. Schmett.* i. p. 97. n. 36 (1788).

Satyrus Pasiphaë, *Boisduval, Sp. Gén. Ind.* p. 32. n. 256 (1840).

Satyrus Bathseba, *Godart, Enc. Méth.* ix. p. 543. n. 108 (1819); *Lép. de France*, ii. p. 132. n. 50, pl. 18. figs. 6, 7 (1822).

Germany, France, South Europe.

B.M.

Var. *Papilio Bathseba*, *Fabricius, Ent. Syst.* iii. pt. 1. p. 235. n. 733 (1793). *Posticæ* subtus fascia alba, ocellis quatuor minusve.

Barbary (Fabricius).

- Var. Papilio Salome*, *Fabricius, ibid.* p. 238. n. 744 (1793).
 Anticæ ocello unipupillato.
 Gibraltar (Fabricius).

26. *Epinephele Wagneri*.

Satyrus Wagneri, *Herrich-Schäffer, Eur. Schmett.* i. figs. 311–313 (1843–45).

Hipparchia Wagneri, *E. Doubleday, List Lep. Brit. Mus. Suppl.* p. 32 (1847).

Persia, Europe. B.M.

♂. *Var. Satyrus Mandane*, *Kollar, Denkschr. k. Akad. Wissenschaft. Wien*, i. p. 52. sp. 8 (1850).

South Persia.

The description of this variety agrees entirely with specimens of *Wagneri* with which I have compared it.

Subgenus *XENICA*, *Westwood*.

Typical Species *Xenica Abeona*.

1. *Xenica Abeona*.

Papilio Abeona, *Donovan, Ins. New Holl.* i. pl. 22. fig. 1 (1805).
Satyrus Abeona, *Godart, Enc. Méth.* ix. p. 490. n. 72 (1819);
 also of *Boisduval*.

Hipparchia? *Abeona*, *E. Doubleday, List Lep. Brit. Mus.* i. p. 134 (1844).

Lasiommata? (*Xenica*) *Abeona*, *Westwood in Gen. Diurn. Lepid.* p. 387. n. 24 (1851).

Heteronympha Abeona, *Wallengren, Nov. Gen. Lepid. Kongl. Vet. Akad. Forhandl.* p. 78 (1858).

Oreas marmorea *Zelinde, Hübner, Exot. Schmett.* i. pl. 92. figs. 1, 2 (1806).

Tisiphone *Zelinde, Hübner, Verz. bek. Schmett.* i. p. 60. n. 574 (1816).

New Holland. B.M.

2. *Xenica Joanna*.

Enodia (misprinted *Euodia*) *Joanna*, *Butler, Ann. & Mag. Nat. Hist.* 3rd ser. xvii. p. 286 (1866).

Enodia Joanna, *ibid.* xviii. pl. 4. fig. 8 (1867).

Australia. B.M.

Genus 13. TISIPHONE, *Westwood* * (1851).Typical Species *Tisiphone Hercyna*.1. *Tisiphone Hercyna*.

Tisiphone Hercyna, *Hübner*, *Samml. exot. Schm.* Bd. ii. pl. 86. figs. 3, 4 (1806); also of *Westwood & Hewitson* (1851).

Satyrus Anosia, *Godart*, *Enc. Méth.* ix. p. 453. n. 36 (1819).

Venezuela, Brazil, Rio Janeiro, New Granada, Mexico. B.M.

Genus 14. LEPTONEURA, *Wallengren* (1857).Typical Species *Leptoneura Clytus*.1. *Leptoneura Clytus*.

Papilio Clytus, *Linnaeus*, *Syst. Nat.* ii. p. 768. n. 124 (1766); *Cramer*, *Pap. Exot.* i. pl. 86. figs. C, D (1779); also of *Wulfen* (1786) and *Herbst* (1796).

Satyrus Clytus, *Godart*, *Enc. Méth.* ix. p. 525. n. 132 (1819).

Erebia? *Clytus*, *E. Doubleday*, *List Lep. Brit. Mus.* i. p. 128 (1844).

Erebia Clytus, *Westwood* in *Gen. Diurn. Lepid.* p. 380. n. 43 (1851).

Leptoneura Clytus, *Wallengren*, *Lep. Rhop. Caffrar. in Kongl. Svenska Vetensk.* p. 31 (1857); also of *Trimen* (1866).

Dira Clyte, *Hübner*, *Verz. bek. Schm.* p. 60. n. 573 (1816).

Var. *Papilio* (Nymph. Gemm.) *Clytus*, *Esper*, *Schm.* i. pt. 2. tab. 66. cont. 16. figs. 4. & ? 2, 3 (1777).

Cape of Good Hope, Knysna.

B.M.

Var. *Papilio Tisiphone*, *Fabricius*, *Gen. Ins. Mant.* p. 263 (1776?); *Ent. Syst.* iii. pt. 1. p. 214. n. 671 (1793); also of *Engramelle* (1780) and *Borkhausen* (1788).

Cape of Good Hope.

B.M.

2. *Leptoneura Mintha*.

Dira Mintha, *Hübner*, *Zuträge*, figs. 851, 852 (1806).

Erebia Mintha (? *Clytus*, var.), *Westwood* in *Gen. Diurn. Lepid.* p. 380. n. 48 (1851).

Leptoneura Mintha (? *Clytus*, var.), *Trimen*, *Rhop. Afric. Austr.* p. 193. n. 109 (part.) (1866).

South Africa.

? B.M.

The specimen which represents this species in the National Col-

* The type of *Hübner's* genus *Tisiphone* is the *Abeona* of *Donovan*, afterwards made into a subgenus by *Westwood*, under the name of *Xenica*, and still later united with *Merope* by *Wallengren* to form his genus *Heteronympha*.

lection does not quite agree with Hübner's figure, and may be distinct.

3. *Leptoneura* Cassus.

Papilio Cassus, *Linnaeus, Syst. Nat.* ii. p. 768. n. 125 (1766);
Cramer, Pap. Exot. iv. pl. 314. figs. C, D (1782); also of
Herbst (1796).

Satyrus Cassus, *Godart, Enc. Méth.* ix. p. 526. n. 133 (1819).

Erebia Cassus (? *Clytus* ♀)*, *Westwood in Gen. Diurn. Lepid.*
 p. 380. n. 44 (1851).

Leptoneura Cassus, *Trimen, Rhop. Afric. Austr.* ii. p. 195. n. 110
 (1866).

Erebia? *Clytus* (synonym), *E. Doubleday, List Lep. Brit. Mus.* i.
 p. 128 (1844).

Madagascar, interior of South Africa.

B.M.

4. *Leptoneura cassina*, sp. nov. Pl. II. fig. 12.

Alæ supra velut in *Casso*, minores et angulo anali anticarum magis rotundato, costaque brevior.

Alæ anticæ subtus velut in *Casso*, ocellis autem confluentibus majoribus extus albido marginatis; area anali quoque cinerascens, striisque distinctioribus: posticæ albido-cinereæ, area basali, fascia discali et margine externo fusciscentibus; lineis velut in *Casso* sed distinctis; ocellis magis elongatis, majoribus, nigris, albido cinctis.

Exp. alar. unc. 2.

South Africa.

B.M.

Closely allied to *Cassus*, which it more nearly resembles on the upper than the under surface of the wings.

Genus 15. *EREBIA*, *Dalman* (1816).

Typical Species *Erebia Ligea*, Sp. 18.

Section 1. *OREINA*, *Westwood* (1840).

Typical Species *Oreina Cassiope*.

1. *Oreina* Epiphron.

Papilio Epiphron, *Knoch, Beitrag*, iii. tab. 6. fig. 1 (1781-83).

Satyrus Epiphron, *Godart, Lép. de France*, ii. p. 113, pl. 16.
 figs. 3, 4 (1822).

Erebia Epiphron, *Herrich-Schäffer, Eur. Schmett.* figs. 92-94
 (1843-45).

* Mr. Trimen has taken both sexes of this species, proving it to be distinct from *Clytus*. It is the type of Hübner's genus *Ypthima*; but it would create too great a commotion to rename the insects generally associated with that genus.

Papilio Egea, *Borkhausen, Naturgesch. eur. Schmett.* i. p. 77. n. 16, ii. p. 202. n. 16 (1788).

Papilio (Hipparchia) Egea, *Freyer, Neuere Beiträge*, vi. p. 133, tab. 567. fig. 1 ♂, 2 ♀ (1852).

Papilio Ianthé, *Hübner, Eur. Schmett.* i. pl. 44. fig. 202 (1805).

Papilio Cassiope, *Hübner, Eur. Schmett.* i. pl. 123. figs. 628, 629 (1805).

Erebia Cassiope, var.?, *Boisduval, Sp. Gén. Ind.* p. 26. n. 195 (1840).

England (British Coll.), Hereynia, Harz. B.M.

In Knoch's figure the ocelli of the hind wings are subapical, and nearer to the margin than in the figures by Hübner and Godart; *O. Cassiope* is the commoner form of this species.

Var. CASSIOPE.

Papilio Cassiope, *Fabricius, Mant. Ins.* pt. 2. p. 42. n. 417 (1787); *Ent. Syst.* iii. pt. 1. p. 238. n. 742 (1793).

Papilio (Hipparchia) Cassiope, *Freyer, Neuere Beiträge*, i. p. 37, tab. 20. figs. 1, 2 (1833).

Hipparchia Cassiope, *Stephens, Ill. Haust.* i. p. 63, pl. 8. figs. 1-3 (1828).

Oreina Cassiope, *Westwood & Humphrey's Brit. Butterf.* p. 78, pl. 22. figs. 9, 10 (1840).

Erebia Cassiope, *Westwood in Gen. Diurn. Lepid.* p. 377. n. 1 (1851).

Papilio (Nymph. Gemm.) Melampus, *Esper, Schmett.* i. pt. 2. p. 131, tab. 78. cont. 28. (nec 31 et 103) fig. 2 (1777).

Papilio Melampus, *Herbst, Natursyst. Insekt.* viii. p. 186. n. 109 (1794).

Papilio Aleyone (part.), *Borkhausen, Naturgesch. eur. Schmett.* i. p. 96. n. 35b (1789).

Var. *Erebia Melampus*, *Newman, Zoologist*, ii. p. 729 (1844).

Var. *Papilio Mnemon*, *Haworth, Ent. Trans.* 1st ser. i. p. 332 (1812).

Melampias Rhodia, *Hübner, Verz. bek. Schmett.* n. 611 (1816).

Papilio Æthiops minor, *Villars, Ent.* ii. p. 37 (1834).

Var. *Erebia Nelamus*, *Boisduval, Sp. Gén. Ind.* p. 26. n. 195 (1840).

Var.?. *Papilio Cassiope*, *Hübner, Eur. Schmett.* i. pl. 123. figs. 626, 627 (1805).

England (British Coll.), Russia, Sweden. B.M.

2. *Oreina Arete*.

Papilio Arete, *Fabricius, Mant. Ins.* ii. p. 42. n. 418 (1787); *Ent. Syst.* iii. pt. 1. p. 238. n. 743 (1793); *Hübner, Eur. Schmett.* i. pl. 50. figs. 231, 232 (1805).

Erebia Arete (Blandina, var. ?), *Westwood in Gen. Diurn. Lepid.* p. 377. n. 3 (1851).

Papilio Arctus, *Herbst, Natursyst. Insekt.* viii. p. 199. n. 117 (1796).

Papilio Claudina, *Borkhausen, Naturgesch. eur. Schmett.* i. p. 204. n. 161 (1788).

Southern Alps.

Professor Westwood has queried this species as a variety of *Blandina*, but it seems to be much more nearly allied to *Epiphron*. M. Chavignerie has figured the typical *Melampus*.

3. *Oreina Pharte*.

Papilio Pharte, *Esper, Schmett.* i. pt. 2. p. 17, tab. 120, cont. 75. fig. 3 ♂, 4 ♀ (1777); *Hübner, Eur. Schmett.* i. figs. 491–494 (1805).

Papilio (*Hipparehia*) *Pharte*, *Freyer, Neuere Beiträge*, i. p. 37, tab. 20. fig. 3 (1833).

Satyrus Pharte, *Godart, Enc. Méth.* ix. p. 536. n. 156 (1819).

Erebia Pharte, *Boisduval, Icon. Hist. Léop.* p. 180, pl. 35. figs. 1, 2 (1832).

Var. Satyrus Pharte, *Duponchel, Léop. de France*, i. p. 218, pl. 34. figs. 1, 2 (1832).

Var. Erebia Euryale, *Herrich-Schäffer, Eur. Schmett.* i. fig. 101 (1843–45).

Tyrol.

Coll. Salvin.

Var. ??. *Herrich-Schäffer, Eur. Schmett.* i. fig. 95.

Germany.

B.M.

Esper describes this species as chiefly differing from *Melampus* in the absence of black spots upon the red band. It appears to be much more closely allied to *Cassiope*, the front wings being more pointed at the apex than in *Melampus*.

4. *Oreina Kefersteinii*.

Erebia Kefersteinii, *Herrich-Schäffer, Eur. Schmett.* i. figs. 617, 618 (1843–45); *Eversmann, Bull. Soc. Nat. Mosc.* p. 610 (1851); also of *Westwood* (1852).

Papilio Theano, *Tauscher, Mém. Soc. Nat. Mosc.* i. p. 207, tab. 13. fig. 1.

Hipparehia (*Erebia*) *Theano*, *Eversmann, Bull. Mosc.* p. 611 (1851).

Siberia.

Near *Pyrenaica* (H.-Sch.), but the front wings ferruginous above.

5. *Oreina ? Stubbendorffii*.

Erebia Stubbendorffii, *Ménétriés in Bull. Acad. St. Pétersb.* v. p. 262 (1847).

Siberia.

6. *Oreina Melampus*.

Papilio Melampus, *Fuessly, Verz. Schw. Ins.* p. 31. n. 604, tab. 1. fig. 6 (1775).

Papilio (*Hipparchia*) *Melampus*, *Freyer, Neuere Beiträge*, i. p. 35, tab. 19. figs. 1, 2 (1833).

Satyrus Melampus, *Godart, Enc. Méth.* ix. p. 536. n. 155 (1819); *Lép. de France*, ii. p. 114. n. 42, pl. 16. figs. 5, 6 (1822).

Erebia Melampus, *Boisduval, Icon. Hist. Lép.* p. 178. n. 16, pl. 35. figs. 5, 6 (1832).

Papilio (*Nymph. Gemm.*) *ætherius*, *Esper, Schmett.* i. pt. 2. tab. 122. cont. 77. fig. 4, nec 3 (1777).

Papilio Aleyone (part.), *Borkhausen, Naturgesch. eur. Schmett.* i. p. 96. n. 35b (1789).

Erebia Arete, *Bellier de la Chavignerie, Ann. Soc. Ent. France*, ser. 3, tome vi. p. 485, pl. 2. fig. 2, ♂ ♀ (1858).

Germany, Switzerland, Spain, Sweden.

B.M.

Var. PYRENAICA.

Erebia Cassiope, *var. Pyrenaica*, *Herrich-Schäffer, Eur. Schmett.* i. figs. 535–538 (1843–45).

Tyrol.

Coll. Salvin.

Var. MNESTRA, sp. ??

Papilio Mnestra, *Esper, Schmett.* i. pt. 2. tab. 120. cont. 75. figs. 5, 6 (1777).

Papilio (*Hipparchia*) *Mnestra*, *Freyer, Neuere Beiträge*, i. p. 164. n. 165, tab. 91. fig. 3 ♂ (1833).

Satyrus Mnestra, *Godart, Enc. Méth.* ix. p. 533. n. 149 (1819).

Erebia Mnestra, *Herrich-Schäffer, Eur. Schmett.* i. fig. 96 (1843–45).

Germany, Sweden.

B.M.

Var. Papilio Mnestra, *Hübner, Eur. Schmett.* i. pl. 106. figs. 540–543 (1805).

Papilio (*Hipparchia*) *Mnestra*, *Freyer, Neuere Beiträge*, i. p. 36. n. 31, tab. 19. fig. 3, ♂ (1833).

Satyrus Mnestra, *Duponchel, Lép. de France*, i. p. 220. n. 77, pl. 34. figs. 3, 4 (1832).

Erebia Mnestra, *Boisduval, Icon. Hist. Lép.* p. 176. n. 15, pl. 35. figs. 1–4 (1832).

Mountains of Switzerland.

Var. ERIPHYLE.

Papilio (*Hipparchia*) *Eriphyle*, *Freyer, Neuere Beiträge*, ii. p. 150. n. 325, tab. 187. figs. 3, 4 (1836).

Erebia Cassiope, var. *Eriphile*, *Westwood in Gen. Diurn. Lepid.*
p. 377. n. 1 (1851).

Europe (locality not marked). B.M.

Var. IANTHE.

Papilio Ianthe, *Hübner, Eur. Schmett.* i. pl. 122. figs. 624, 625
(1805).

Erebia Cassiope, var. *Ianthe*, *Westwood in Gen. Diurn. Lepid.*
p. 377. n. 1 (1851).

Germany. B.M.

There are specimens intermediate between the last two forms from the Tyrol in the Collection of Mr. Osbert Salvin.

7. *Oreina Pyrrha.*

Papilio Pyrrha, *Denis, Wien. Verz.* p. 167. fam. F. n. 9 (1775);
Hübner, Eur. Schmett. i. p. 35. n. 51, pl. 50. figs. 235, 236
(1805).

Papilio (*Hipparchia*) *Pyrrha*, *Freyer, Neuere Beiträge*, i. p. 58.
n. 53, tab. 31. figs. 3, 4 (1833).

Satyrus Pyrrha, *Godart, Lép. de France*, ii. p. 108. n. 38, pl. 15.
figs. 3, 4 (1822).

Erebia Pyrrha, *Westwood in Gen. Diurn. Lepid.* p. 377. n. 8
(1851).

Var. Papilio Maccabæus, *Herbst, Natursyst. Insekt.* viii. p. 185.
n. 108, (*Maccabæus*) tab. 209. figs. 5, 6 (1796).

Erebia Pyrrha, var. *Machabæus*, *Westwood* (1851).

Var. Papilio Erina, *Fabricius, Mant. Ins.* ii. p. 41. n. 415
(1787).

Var.? *Papilio* (*Nymph. Gemm.*) *Maurisius, Esper, Schmett.* i.
pt. 2. tab. 113. cont. 68. figs. 4, 5 (1777).

Russia, Sweden. B.M.

Var. MANTO (not *Erebia Manto*).

♀. *Papilio* (*Nymph. Gemm.*) *Manto, Esper, Schmett.* tab. 70.
figs. 2, 3 (1777).

Papilio Manto, *Herbst, Natursyst. Insekt.* viii. p. 194, tab. 210.
figs. 8, 9, tab. 211. figs. 1, 2 (1796).

Papilio Pyrrha, *Hübner, Eur. Schmett.* i. pl. 120. fig. 616
(1805).

Papilio (*Hipparchia*) *Pyrrha, Freyer, Neuere Beiträge*, i. tab. 91.
fig. 4 (1833).

♂ ♀. Tyrol (Coll. Salvin). ♀. Germany. B.M.

We have no female specimens from Northern Europe.

Var. MÆRENS.

Erebia mærens, *Westwood in Gen. Diurn. Lepid.* p. 380. n. 40 (1851).

Erebia tristis, *Herrich-Schäffer, Eur. Schmett.* i. figs. 387–390 (1843–45).

Sweden.

B.M.

8. *Oreina Pluto.*

Papilio (Nymph. Gemm.) *Pluto*, *Esper, Schmett.* i. pt. 2. tab. 121, cont. 76. fig. 1 (1777).

Papilio Morio, *Giorna, Calend. Entom. Torino*, p. 102. n. 24 (1791).

Papilio petrosus, *De Prunner, Lep. Ped.* p. 71 (1798).

Erebia Pyrrha, var., *Westwood in Gen. Diurn. Lepid.* p. 377. n. 8 (1851).

Russia.

B.M.

This species is entirely black brown, and not the same as *Pyrrha*.

Var. TISSIPHONE.

Papilio (Nymph. Gemm.) *Tissiphone*, *Esper, Schmett.* i. pt. 2. tab. 122. cont. 77. fig. 5 (1777).

Papilio Cæcilia, *Hübner, Eur. Schmett.* i. pl. 46. figs. 213, 214 (1805), nec *Esper*.

Erebia Cæcilia, *Herrich-Schäffer, Eur. Schmett.* i. figs. 584, 585 (1843–45).

Papilio Alecto, *Freyer, Neuere Beiträge*, i. p. 99. n. 89, tab. 49. fig. 3 (1833).

Russia.

B.M.

9. *Oreina glacialis.*

Papilio (Nymph. Gemm.) *glacialis*, *Esper, Schmett.* i. pt. 2. tab. 116. cont. 71. fig. 2 (1777).

Var. Papilio (Nymph. Gemm.) *Erynis*, *ibid.* tab. 121, cont. 76. fig. 4 [nec 5] (1777).

Var. Papilio Alecto, *Hübner, Eur. Schmett.* i. pl. 104. figs. 528, 529 (1805).

Papilio (Hipparchia) *Alecto*, *Freyer, Neuere Beiträge*, i. tab. 49. figs. 3, 4 (1833).

Erebia Alecto, *Boisduval, Icon. Hist. Léop.* p. 160. n. 7, pl. 32. figs. 4–7 (1832).

Germany.

B.M.

Esper's figure of *glacialis* appears to be somewhat too strongly defined, but there is little doubt that *Alecto* of *Hübner* is merely a variety of it.

Section 2. EREBIA proper.

1. *Erebia Alecto*.

Papilio Alecto, *Hübner, Eur. Schmett.* i. pl. 101. figs. 515, 516 (1805).

Var. Erebia Scipio, *Boisduval, Icon. Hist. Lépid.* p. 152. n. 3, pl. 30. figs. 1, 2 (var. 3, 4) (1832).

Var. Satyrus Scipio, *Duponchel, Lép. de France, Suppl.* p. 243. n. 88, pl. 38. figs. 5, 6 (1832).

Satyrus Gorge, *Godart, Enc. Méth.* ix. p. 527. n. 136 (1819); *Lép. de France*, ii. p. 120. n. 45, pl. 14. figs. 3, 4 (1822); but not of *Esper*.

South France, Pyrenees.

B.M.

Var. NERINE.

Erebia Nerine, *Boisduval, Icon. Hist. Lépid.* p. 154. n. 4, pl. 31. figs. 6, 7 (1832).

Var. Papilio (Hipparchia) *Nerine*, *Freyer, Neuere Beiträge*, p. 26. n. 18, tab. 13. figs. 3, 4 (1833).

Var. ? Erebia Nerine, *Herrich-Schäffer, Eur. Schmett.* i. figs. 69, 70, 73, 74 (1843-45).

Spain.

B. M.

2. *Erebia Pirene*.

Papilio (Nymph. Gemm.) *Pirene*, *Esper, Schmett.* i. pt. 2. tab. 116. cont. 71. fig. 3 (1777).

Erebia Pirene, *Westwood in Gen. Diurn. Lepid.* p. 378. n. 13 (1851).

Var. Papilio (Nymph. Gemm.) *Persephone*, *Esper, Schmett.* i. pt. 2. tab. 121. figs. 5, 6 (1777).

Var. Erebia Lefebvrei, *Herrich-Schäffer, Eur. Schmett.* figs. 88, 89 (1843-45); but not of *Boisduval*.

Germany, Switzerland, Sweden.

B.M.

Var. STYGNE.

Satyrus Stygne, *Godart, Enc. Méth.* ix. p. 534. n. 150 (1819); *Lép. de France*, ii. p. 100. n. 34, pl. 14. figs. 1, 2 (1821).

Erebia Stygne, *Herrich-Schäffer, Eur. Schmett.* i. figs. 90, 91 (1843-1845).

Prussia, British Columbia.

B.M.

3. *Erebia Kalinda*.

Erebia Kalinda, *F. Moore, Proc. Zool. Soc.* p. 501. n. 92, pl. 30. fig. 5 (1865).

North-west Himalayas (Moore).

This species seems to come best next to *Pirene*; the coloration, however, is very distinct.

4. *Erebia Maurus*.

Papilio Maurus, *Esper*, *Schmett.* i. pt. 2. tab. 107. cont. 62. figs. 3, 4, tab. 110. cont. 65. figs. 4 (1777).

Pyrenees.

B.M.

Var. LEFEBVREI.

Erebia Lefebvrei, *Boisduval*, *Icon. Hist. Lépid.* p. 164. n. 9, pl. 33. figs. 1, 2 (1832).

Papilio Pyrene, *Freyer*, *Neuere Beiträge*, i. p. 82. n. 76, tab. 43. fig. 2 (1833); but not of *Esper*.

Pyrenees.

B.M.

Var. NELO.

Papilio Nelo, *Hübner*, *Eur. Schmett.* i. pl. 45. figs. 105, 106 (1805).

Satyrus Melas, *Godart*, *Enc. Méth.* ix. p. 534. n. 151 (1819); *Lép. de France*, p. 102. n. 35, pl. 17. figs. 1, 2 (1822); but not of *Herbst*.

Erebia Lefebvrei, *Herrich-Schäffer*, *Eur. Schmett.* i. figs. 280–282 (1843–45); but not of *Boisduval*.

Var. Satyrus Lefebvrei, *Duponchel*, *Lép. de France*, i. p. 226. n. 80, pl. 35. figs. 3, 4 (1832).

Pyrenees.

B.M.

Var. MELAS.

Papilio Melas, *Herbst*, *Natursyst. Schmett.* viii. p. 191. n. 112, tab. 210. figs. 4–7 (1796).

Papilio (*Hipparchia*) *Melas*, *Freyer*, *Neuere Beiträg.* i. p. 98. n. 88, tab. 49. fig. 2, p. 118. n. 111, tab. 61. figs. 1, 2 (1833).

Erebia Melas, *Boisduval*, *Icon. Hist. Lépid.* p. 166. n. 10, pl. 33, figs. 3, 4 (1832).

Var. Erebia Melas, *Herrich-Schäffer*, *Eur. Schmett.* i. figs. 65–68, 467, 468 (1843–45).

Sweden.

B.M.

Var. a. ♂. *Alæ* subtus ocello subanali anticarum obsoleto, fascia transversali media posticarum distincta.

Russia.

B.M.

Var. b. ♂. *Alæ* minores, costa anticarum magis convexa, apicibus alarum subtus pallescentibus, aliter velut in præcedente.

Spain.

B.M.

Var. c. *Satyrus Melas*, *Duponchel*, *Lép. de France*, i. p. 245. n. 89, pl. 39. figs. 1-4 (1832).

Spain.

B.M.

5. *Erebia Arachne*.

Papilio Arachne, *Fabricius*, *Mant. Ins.* pt. 2. p. 41. n. 415 (1787); *Ent. Syst.* iii. pt. 1. p. 237. n. 740 (1793).

Satyrus Arachne, *Godart*, *Enc. Méth.* ix. p. 529. n. 140 (1819); *Lép. de France*, ii. p. 116. n. 43, pl. 16. figs. 7, 8 (1822).

* *Papilio Pronoë*, *Ochsenheimer*, *Schmett.* v. *Eur.* i. p. 290. n. 59 (1807).

Papilio (*Hipparchia*) *Pronoë*, *Freyer*, *Neuere Beiträge*, i. p. 137. n. 133, tab. 73. figs. 3, 4 (1833).

Papilio (*Hipparchia*) *Styx*, *Freyer*, *Neuere Beiträge*, i. p. 44. n. 212, tab. 121. fig. 4 (1833).

Germany.

B.M.

Local form. Alæ supra fasciis rufescentibus magis distinctis, lineis transversis, subtus magis ad margines approximantibus.

Switzerland.

B.M.

Var. PITHO.

Papilio Pitho, *Hübner*, *Eur. Schmett.* i. pl. 112. figs. 574 & 577, var. fig. 576 (1805); *Freyer*, *Stett. ent. Zeit.* p. 92 (1847).

Switzerland.

B.M.

Var. Anticæ ocello subanali, subtus area disco-cellulari rufescente; posticæ subtus violacco-cinerascentes.

Tyrol.

Coll. Salvin.

6. *Erebia Epipsodea*, sp. nov. Pl. II. fig. 9.

Alæ supra forma et coloribus fere *Psodeæ* (Hübner.), ocellis autem posticarum et tertio anticarum cæcis, aliis subcæcis, fascia quoque apud apicem magis extensa.

Alæ anticæ subtus velut in *Psodea* sed magis rufescentibus: posticæ fuscae cinereo roratae, fascia angulari sat lata media rufo-fusca, illius *Disce* fere forma, sed ad angulum ani magis elongata; ocellis tribus nigris cæcis ferrugineo distincte cinctis; corpus nigro-fuscum; antennis supra nigris, subtus albidis, fulvo acuminatis.

Exp. alar. unc. $1\frac{1}{8}$.

Rocky Mountains (two specimens).

B.M.

This species may possibly belong to the *Disa* group; but as it bears a greater general resemblance to *Arachne*, it appears better to place it here.

* Ochsenheimer describes the true *Arachne*, but quotes Hübner's figure.

7. *Erebia Medea*.

Papilio Medea, Denis, *Wien. Verz.* p. 167. n. 7 (1775).

Papilio Medea, Hübner, *Eur. Schmett.* i. pl. 48. figs. 220–222 (1805).

Papilio (*Hipparchia*) *Medea*, Freyer, *Neuere Beiträge*, i. tab. 38. fig. 3, p. 109. n. 100, tab. 55. figs. 1, 2 (1833).

Papilio Blandina, Fabricius, *Mant. Ins.* ii. p. 41 (1787); *Ent. Syst.* iii. 1. p. 236. n. 736 (1793).

Hipparchia Blandina, Stephens, *Ins. Haustell.* i. p. 62. sp. 12 (1828).

Oreina Blandina, Westwood and Humphreys, *Brit. Butterf.* p. 77, pl. 23. figs. 5–10 ? (1857).

♀. *Papilio Medusa*, Borkhausen, *Naturgesch. Schmett.* i. p. 75. n. 15 (1788).

Erebia Medusa, Dalman in *Kongl. Vetensk.* p. 81. n. 9 (1816).

Papilio (*Hipparchia*) *Neoridas*, *ibid.* p. 110. n. 101, tab. 55. figs. 3, 4 (1833); but not of Boisduval.

♀. *Papilio Alcyone*, Stewart, *Elem. Nat. Hist.* 2nd ed. ii. p. 132 (1817).

Var. ♂. *Papilio Æthiops*, Herbst, *Natursyst. Schmett.* viii. p. 184. n. 107, tab. 209. figs. 3, 4 (1796).

Scotland (Coll. Brit.), Russia, Prussia.

B.M.

8. *Erebia Neoridas*.

Erebia Neoridas, Boisduval, *Icon. Hist. Lép.* p. 148. n. 1, pl. 29. figs. 1–4 (1832).

Hipparchia Neoridas, Treitschke, *Schmett. v. Eur. Suppl.* x. p. 51 (1834).

Papilio (*Nymph. Gemm.*) *Pronoë*, Esper, *Schmett.* i. pt. 2. tab. 54. cont. 4. fig. 1 (1777).

Papilio Pronoë, Borkhausen, *Naturgesch. Schmett.* i. p. 98. n. 37 (1788).

Papilio Arachne, Hübner, *Eur. Schmett.* i. pl. 47. figs. 215, ? 216, 217 (var.) (1805).

Var. *Satyrus Neoridas*, Duponchel, *Lép. de France*, i. p. 234. n. 84, pl. 36. figs. 5, 6 (1832).

♀. *Hipparchia Stygne*, Fischer, *Entom. Russ.* i. p. 56; *Lep.* tab. 1. fig. 2 (1820).

Var. ? *Papilio Medea*, Hübner, *Eur. Schmett.* i. pl. 48. figs. 220–222 (1805).

Papilio (*Hipparchia*) *Medea*, Freyer, *Neuere Beiträge*, i. p. 72. n. 68, tab. 38. fig. 2 (1833).

Var. ? *Erebia Sedakovii*, Herrich-Schäffer, *Eur. Schmett.* i. figs. 591, 592 (1843–1845).

Germany, Pyrenees.

B.M.

We have a German variety of this species, having the front wings ferruginous on the underside, as represented by Esper (*Nymph. Gemm. Pronoë*). Fischer's *Stygne* seems to be a variety of the female.

9. *Erebia Euryale*.

Papilio (Nymph. Gemm.) *Euryale*, *Esper, Schmett.* i. pt. 2. tab. 118. cont. 73. figs. 2, 3 (1777).

Satyrus Euryale, *Godart, Enc. Méth.* ix. p. 533. n. 148 (1819); *Lép. de France*, ii. n. 33, pl. 8. figs. 3, 4 (1822).

Papilio (*Hipparchia*) *Euryale*, *Freyer, Neuere Beiträge*, i. p. 163. n. 161, tab. 91. figs. 1, 2; var.?, tab. 184. figs. 908, 909 (1833).

Erebia Euryale, *Boisduval, Sp. Gén. Ind.* p. 28. n. 219 (1840).
Var. Papilio Euryale, *Hübner, Eur. Schmett.* i. pl. 158. figs. 789, 790 (♀) (1807).

Var. Papilio Adyte, *Hübner, Eur. Schmett.* i. pl. 151. figs. 759, 760 (1805).

Var. Papilio (*Hipparchia*) *Euryale*, *Freyer, Neuere Beiträge*, i. p. 117. n. 110, tab. 61. figs. 3, 4 (1833).

Erebia Euryale, *Herrich-Schäffer, Eur. Schmett.* i. figs. 97-100 (1843-45).

♂. *Hipparchia Ligea* (part.), *Stephens, Ill. Haust.* pl. 6. fig. 1 (1828).

Isle of Arran? (Coll. Brit.), Tyrol (Coll. Salvin), Northern Europe.
 B.M.

Var. PHILOMELA.

Papilio (Nymph. Gemm.) *Philomela*, *Esper, Schmett.* i. pt. 2. tab. 116. cont. 71. fig. 4 (1777).

Papilio Philomela, *Hübner, Eur. Schmett.* i. tab. 47. figs. 218, 219 (1805).

Switzerland.

B.M.

Note.—Hübner's figure of *Euryale* (pl. 158) is probably somewhat exaggerated; the underside colouring of the hind wings seems too grey to be natural. To judge by the males alone, it might appear that *Euryale* was only an extreme form of *E. Ligea*; specimens of the latter from the Tyrol seem only to differ in the form of the front wings, and in the more sharply defined orange band on the underside, but the females are very distinct, and the two species are not found to fly together; *Euryale* seems to prefer damp situations. See Ent. Month. Mag. (December 1867).

10. *Erebia Ligea*.

Papilio Ligea, *Linnaeus, Syst. Nat.* (1735) 12th ed. p. 772. n. 144 (1766); *Fauna Suecica*, 2nd ed. p. 275. n. 1050 (1761); *Hübner, Eur. Schmett.* i. tab. 49. figs. 225-227 (1805).

Papilio (*Hipparchia*) *Ligea*, *Freyer, Neuere Beiträge*, i. p. 125. n. 121, tab. 67 (1833).

Erebia Ligea, *Dalman in Kongl. Vetensk. Akad. Handl.* pp. 58 (generis typus) & 81 (1816).

Satyrus Ligea, *Godart, Enc. Méth.* ix. p. 532. n. 147 (1819); *Lép. de France*, p. 96. n. 32, pl. 13. figs. 1, 2 (1822).

♀. *Hipparchia Ligea*, *Stephens, Ill. Haust.* i. p. 61. sp. 11, pl. 6. figs. 2, 3 (1828).

Oreina Ligea, *Westwood & Humphrey's Brit. Butterf.* p. 77. sp. 1, pl. 23. figs. 1-4 (1841).

Papilio Alexis, *Linnaeus, Fauna Suecica*, 1st ed. p. 239 (1746).

Papilio (Nymph. Gemm.) *Alexis, Esper, Schmett.* i. pt. 1. tab. 44, *Suppl.* xxii. figs. 1, 2, pt. 2. tab. 54. fig. 2 (var.) (1777).

Tyrol (Coll. Salvin), Switzerland. B.M.

Var. SEDAkovii.

Hipparchia Sedakovii, *Eversmann, Bull. Soc. Imp. Nat. Mosc.* xv. tab. 1. figs. 5, 6 (1847).

Erebia Sedakovii, *Westwood in Gen. Diurn. Lepid.* p. 379. n. 30 (1851).

Germany. B.M.

This is only a slight variation of *E. Ligea*.

Var. LIGEa.

Alæ anticae supra ocellis quatuor, tertio minimo, subtus tribus solum.

Tyrol. Coll. Salvin.

Var. EUMONIA.

Erebia Eumonia, *Ménétriés, Cat. Léop. Acad. St. Pétersb.* ii. p. 104. n. 710 (1857); *Bull. Acad.* t. xvii. p. 216. n. 14 (1859); *Schrank, Lep. Amur-Lande*, p. 34. n. 68, tab. 3. fig. 4 (1859).

Germany. B.M.

11. ***Erebia Melusina.***

Erebia Melusina, *Herrich-Schäffer, Eur. Schmett.* i. figs. 373, 374 (1843-45).

Europe.

12. ***Erebia Bonellii.***

Papilio Bonellii, *Hübner, Eur. Schmett.* i. pl. 181. figs. 892-895 (1805).

Papilio (*Hipparchia*) *Bonellii*, *Freyer, Neuere Beiträge*, i. p. 137. n. 132, tab. 73. figs. 1, ? 2 (1833).

Erebia Evias, *Boisduval, Icon. Hist. Léop.* p. 156. n. 5, pl. 31. figs. 3-6 (1832).

Russia, Pyrenees. B.M.

Var. EVIAS.

Erebia Evias, *Lefebvre, Ann. Soc. Linn. Paris*, pp. 488, 490, pl. 10 (1826); *Duponchel, Léop. de France*, i. p. 236. n. 85, pl. 37. figs. 1, 2 (1832).

? *Hipparchia Medea*, *Eversmann, Fauna Lepid. Volgo-Ural.* p. 33. n. 25 (1844).

Var. *Papilio Pirena*, *Hübner, Eur. Schmett.* i. pl. 48. figs. 223, 224 (1805).

Germany.

B.M.

13. **Erebia Hewitsonii.**

Erebia Hewitsonii, *Lederer, Wien. ent. Monatschr.* viii. p. 167, Taf. 3. figs. 6 & 7 (1864).

Imeretia.

Coll. Hewitson.

14. **Erebia Epistygne.**

Papilio Epistygne, *Hübner, Eur. Schmett.* i. pl. 173. figs. 855–858 (1805).

Erebia Epistygne, *Boisduval, Icon. Hist. Léop.* p. 158. n. 6, pl. 31. figs. 1, 2 (1832).

Satyrus Epistygne (sic), *Duponchel, Léop. France*, i. p. 228. n. 86, pl. 37. figs. 3–6 (1832).

Papilio (Hipparchia) Stygne, *Freyer, Neuere Beiträge*, i. p. 97. n. 87, tab. 49. fig. 1 (1833).

Var. *Papilio Stygne*, *Hübner, Eur. Schmett.* i. pl. 125. figs. 639, 640 (1805).

Germany.

B.M.

15. **Erebia Goante.**

♀. *Papilio (Nymph. Gemm.) Goante*, *Esper, Schmett.* i. pt. 2. tab. 116. cont. 71. fig. 1 (1777).

Papilio Goante, *Ochsenheimer, Schmett. v. Eur.* i. p. 293. n. 60 (1807).

Satyrus Goante, *Godart, Enc. Méth.* ix. p. 530. n. 141 (1819); *Lép. de France*, ii. p. 118. n. 44, pl. 17. figs. 3, 4 (♂) (1822).

♂. *Erebia Goante*, *Boisduval, Sp. Gén. Ind.* p. 28. n. 222 (1840).

Papilio Scæa, *Hübner, Eur. Schmett.* i. pl. 50. figs. 233, 234 (1805).

♂. *Erebia Gorgone*, *Herrich-Schäffer, Eur. Schmett.* i. figs. 75, 76.

♂. *Erebia melancholica*, *ibid.* figs. 276, 277 (1843–45).

Germany.

B.M.

16. **Erebia Gorgone.**

Erebia Gorgone, *Boisduval, Icon. Hist. Léop.* p. 150. n. 2, pl. 29. figs. 5–8 (1832).

Hipparchia Gorge (var. Gorgone), *Treitschke, Schmett. v. Eur. Suppl.* x. 1. p. 231 (1834).

Pyrenees.

B.M.

This is a very variable species, but it may be readily distinguished by the form of the central bands on the underside.

17. *Erebia Gorgophone*.

Erebia Gorgophone, *Bellier, Ann. Ent. Soc. France*, iii. ser. 4. p. 419, pl. 9. figs. 1, 2 (1863).

Erebia Nerine, *Duponchel, Léop. France*, p. 35. figs. 5, 6 (1832), but not of *Boisduval*.

Erebia Gorgone, *Herrich-Schäffer, Eur. Schmett.* i. figs. 469, 470 (1843-45).

Tyrol.

♂, B.M.

18. *Erebia Gorge*.

♂. *Papilio* (Nymph. Gemm.) *Gorge*, *Esper, Schmett.* i. pt. 2. tab. 119. cont. 74. figs. 4, 5 (1777).

Papilio (Hipparchia) *Gorge*, *Freyer, Neuere Beiträge*, i. p. 147. n. 146 (1833).

Erebia Gorge, *Boisduval, Sp. Gén. Ind.* p. 28. n. 222 (1840).

Papilio (Nymph. Gemm.) *Erynis*, *Esper, Schmett.* i. pt. 2. tab. 121. cont. 76. fig. 3 (1833).

♀. *Erebia Goante*, *Herrich-Schäffer, Eur. Schmett.* i. figs. 77-79.

Erebia Gorgone, *ibid.* figs. 283, 284 (1843-45).

♂ ♀. *Var. ?*. *Papilio Gorge*, *Hübner, Eur. Schmett.* i. pl. 99. figs. 502-505 (1805).

Var. *Papilio* (Hipparchia) *George* (*sic*), *Freyer, Neuere Beiträge*, i. tab. 79. fig. 3 (1833).

Tyrol (♀, Coll. Salvin), Switzerland, Germany.

♂, B.M.

19. *Erebia Tyndarus*.

Papilio (Nymph. Gemm.) *Tyndarus*, *Esper, Schmett.* i. 2. tab. 67. cont. 17. fig. 1 (1777).

Papilio Herse, *Borkhausen, Naturgesch. Eur. Schmett.* i. p. 94. n. 33 (1788).

Papilio Tyndarellus, *Herbst, Natursyst. Schmett.* viii. p. 135. n. 74, tab. 202. figs. 5, 6 (1796).

Mountains of Switzerland (*Esper*).

Var. *Ocellis anticarum majoribus, albo pupillatis*.

Sweden.

B.M.

Var. *DROMUS*.

Papilio Dromus, *Fabricius, Ent. Syst.* iii. pt. 1. p. 224. n. 701 (1793).

Switzerland (one specimen).

B.M.

Var. CASSIOIDES.

Papilio cassioides, *Esper, Schmett. i. pt. 2. tab. 103. cont. 58. figs. 2, 3 (1777).*

Papilio Cleo, *Hübner, Eur. Schmett. i. pl. 46. figs. 209-212 (1805).*

Satyrus Dromus, *Godart, Enc. Méth. ix. p. 528. n. 138 (1819); Léop. de France, ii. p. 122. n. 46; ibid. (as Cleo) pl. 17. figs. 5, 6 (1822).*

Erebia Dromus, *Westwood in Gen. Diurn. Lepid. p. 379. n. 38 (1851).*

Papilio Tyndarus, *Ochsenheimer, Schmett. Eur. i. p. 299. n. 63 (1807).*

Pyrences, Switzerland, Sweden.

B.M.

Var. NELEUS.

Papilio (Hipparchia) Neleus, *Freyer, Neuere Beiträge, i. p. 148. n. 148, tab. 80. figs. 1, 2.*

Papilio Tyndarus, *ibid. figs. 3, 4 (1833).*

Germany.

B.M.

20. *Erebia Ottomana.*

♂. *Erebia Dromus*, *var. Ottomana*, *Herrich-Schäffer, Eur. Schmett. i. fig. 376.*

♀?. *ibid. figs. 379, 380 (1843-45).*

Hab. — ?

21. *Erebia Vesagus.*

♂. *Erebia Vesagus*, *Hewitson & Westwood in Gen. Diurn. Lepid. p. 380. n. 59, pl. 64. fig. 3 (1851).*

Rocky Mountains ?

Coll. Hewitson.

22. *Erebia Hispania*, sp. nov. Pl. II. fig. 7.

Alæ supra fere ut in *cassioide* sed magis elongatæ, fasciis valde distinctis, ocello geminato anticarum multo majore, pupillis oblique positis; antennarum clava distincte ochrea.

Alæ subtus velut in *Tyndaro*, ocello anticarum excepto.

Exp. alar. unc. $1\frac{3}{4}$.

Spain (two specimens).

B.M.

23. *Erebia Manto.*

Papilio Manto, *Denis, Wiener Verz. p. 169. fam. F. n. 15 (1775); Hübner, Eur. Schmett. i. pl. 101. figs. 512-514 (1805).*

Papilio (Hipparchia) Manto, *Freyer, Neuere Beiträge, i. p. 155. n. 156, tab. 85. figs. 1, 2 (1833).*

Erebia Manto, *Dalman in Kongl. Vetensk.* p. 82. n. 11 (1816).
Satyrus Manto, *Godart, Lép. de France*, ii. p. 125. n. 47, pl. 17.
 figs. 7, 8 (1822).

Papilio (Nymph. Gemm.) *Lappona*, *Esper, Schmett.* i. pt. 2.
 tab. 108, cont. 63. fig. 3 (1777).

Papilio Zilia, *Borkhausen, Naturgesch. eur. Schmett.* ii. p. 209.
 n. 40, 41 (1789).

Switzerland. B.M.

Var. *Alis majoribus*.

Hungary. B.M.

Var. CASTOR.

Papilio (Nymph. Gemm.) *Castor*, *Esper, Schmett.* i. pt. 2. tab. 67.
 cont. 17. fig. 2 (1777).

Papilio Pandrosus, *Herbst, Natursyst. Schmett.* viii. p. 137. n. 75,
 tab. 202. figs. 7, 8 (1796).

Lapland. B.M.

Var. POLLUX.

Papilio (Nymph. Gemm.) *Pollux*, *Esper, Schmett.* i. pt. 2. tab. 67.
 cont. 17. fig. 3 (1777).

Papilio Aglauros, *Herbst, Natursyst. Schmett.* viii. p. 138. n. 76,
 tab. 203. figs. 1, 2 (1796).

Maniola Baucis, *Schrank, Fauna Boica*, ii. p. 177. n. 1307
 (1801).

Hab. — ? (one bad specimen). B.M.

24. *Erebia Sthennyo*.

Erebia Sthennyo, *Graslin, Ann. Ent. Soc. France*, p. 393. n. 1,
 pl. 10. figs. 1–3 (1850).

Pyrenees.

25. *Erebia Ocnus*.

Hipparchia Ocnus, *Eversmann, Bull. Soc. Imp. Nat. Mosc.*
 p. 538, tab. 8. figs. 5a, 5b (1843).

Erebia Ocnus, *Herrich-Schäffer, Eur. Schmett.* i. figs. 291, 292
 (1843–45).

Ural Mountains.

The last two species are nearly allied to but quite distinct from
Manto; neither of them are at present in the National Collection.

26. *Erebia mantoides*, sp. nov. Pl. II. fig. 6.

Alae supra velut in *Mantone*; subtus maculis ocellaribus subapica-
 libus anticarum contiguis, majoribus; apicibus magis albicantibus:

posticæ coloribus *Mantonis*, lineis autem mediis forma tota distantibus, his late separatis, externa minus irregulari, angulum inter venulas secundam et tertiam medianas formante.

Exp. alar. unc. $1\frac{5}{16}$.

Lapland (two specimens).

B.M.

27. *Erebia Embla*.

Papilio *Embla*, *Thunberg*, *Diss. Ent. Nov. Ins. Suec.* pt. 2. p. 38, pl. 2. fig. 8 (1791); *Quensel*, *Act. Reg. Suec.* t. 9. figs. 1, 2 (1791).

Papilio (*Hipparchia*) *Embla*, *Freyer*, *Neuere Beiträge*, v. p. 55. n. 727, tab. 416. figs. 3, 4 (1845).

Satyrus *Embla*, *Zetterstedt*, *Ins. Lappon.* p. 903. n. 12 (1839).

Erebia Embla, *Dalman* (1816); *Herrich-Schäffer*, *Eur. Schmett.* i. figs. 382, 383 (1841).

Papilio *Ethus*, *Fabricius*, *Ent. Syst.* iii. pt. 1. p. 217. n. 680 (1793).

Var. Papilio *Sophia*, *Acerbi*, *Voy. au Cap Nord*, pl. 16. figs. 1, 2 (1804).

Var. Papilio *Dioxippe*, *Hübner*, *Eur. Schmett.* i. pl. 105. figs. 538, 539 (1805).

Satyrus *Dioxippe*, *Duponchel*, *Lép. de France*, i. p. 230. n. 72, pl. 36. figs. 1, 2 (1832).

Sweden, Russia.

B.M.

28. *Erebia Ero*.

Erebia Ero, *Bremer*, *Lep. Ost-Sibir. u. Amur. in Bull. Acad. Imp. Sci. St. Pétersb.* p. 468. n. 11 (1861).

Apfel Mountains.

This species seems, from the description, to come between *Embla* and *Disa*; it has the bipupillated ocellus of the former, but in other respects seems to be more nearly allied to the latter species.

29. *Erebia Disa*.

Papilio *Disa*, *Thunberg*, *Diss. Ent. Nov. Ins. Suec.* pt. 2. p. 37 (1791).

Papilio (*Hipparchia*) *Disa*, *Freyer*, *Neuere Beiträge*, v. p. 54. n. 726, tab. 416. figs. 1, 2 (1845).

Satyrus *Disa*, *Zetterstedt*, *Ins. Lappon.* p. 903. n. 13 (1839).

Erebia Disa, *Westwood* in *Gen. Diurn. Lepid.* p. 379 n. 31 (1851).

Papilio (*Nymph. Gemm.*) *Gesion*, *Esper*, *Schmett.* i. pt. 2. tab. 108. cont. 63. fig. 2 (1777).

Papilio *Gesion*, *Quensel* in *Act. Acad. Reg. Suec.* p. 272, pl. 9. figs. 5, 6 (1791).

Papilio *Griela*, *Fabricius*, *Ent. Syst.* iii. pt. 1. p. 236. n. 737 (1793); *Hübner*, *Eur. Schmett.* i. pl. 49. figs. 228, 229 (1805).

Satyrus *Griela*, *Godart*, *Enc. Méth.* ix. p. 531. n. 145 (1819).

Erebia Embla, *Boisduval, Icon. Hist. Lép.* p. 162. n. 8, pl. 32. figs. 1-3 (1832).

Satyrus Embla, *Duponchel, Lép. France*, i. p. 232. n. 73, pl. 36. figs. 3, 4 (1832).

Papilio Embla, var., *Ochsenheimer, Schmett. v. Eur.* i. p. 287. n. 58 (1807).

Var. ?. *Papilio Stheno*, *Hübner, Eur. Schmett.* i. pl. 109. figs. 561, 562 (1805).

Lapland.

B.M.

This species appears to be quite distinct from *Embla*.

Var. EDDA.

Erebia Edda, *Ménétriés in Middendorf's Reise*, p. 58. n. 11, pl. 3. fig. 11 (1854).

Eastern Siberia.

This is evidently only a small variety of *E. Disa*.

Var. MANCINUS.

Erebia Mancinus, *Hewitson & Westwood in Gen. Diurn. Lepid.* p. 380. n. 58, pl. 64. fig. 2 (1851).

Rocky Mountains.

B.M.

Only a local form of *E. Disa*.

30. *Erebia Rossii*.

Hipparchia Rossii, *Curtis in Append. Ross's Narrative, N.W. Passage*, p. lxxvii, pl. A. fig. 7 (1835).

Erebia Rossii, *Westwood in Gen. Diurn. Lepid.* p. 380. n. 55 (1851).

Rocky Mountains.

B.M.

Curtis's *subhyalina* must, from the description, be a species of *Eneis*; it appears to come near *Æ. exitiosa*.

31. *Erebia Ceme*.

Papilio (Nymph. Gemm.) *Ceme*, *Esper, Schmett.* i. pt. 2. tab. 120. cont. 75. fig. 2 [nec 1] (1777).

Papilio Ceme, *Hübner, Eur. Schmett.* i. pl. 104. figs. 530, 531 [nec 532, 533] (1805).

Satyrus Ceme, *Godart, Enc. Méth.* ix. p. 537. n. 158 (1819); *Duponchel, Lép. de France*, i. p. 222, pl. 34. figs. 5, 6 (1832).

Erebia Ceme, *Westwood in Gen. Diurn. Lepid.* p. 378. n. 9 (1851).

Var. *Papilio* (Nymph. Gemm.) *Cæcilia*, *Esper, Schmett.* i. pt. 2. tab. 121. cont. 76 (1777).

Switzerland, Germany.

B.M.

32. *Erebia Medusa*.

Papilio Medusa, *Denis*, *Wien. Verz.* p. 167. fam. F. n. 10 (1775);
Hübner, *Eur. Schmett.* i. tab. 45. figs. 103, 104 (1805).

Satyrus Medusa, *Godart*, *Enc. Méth.* ix. p. 538. n. 161 (1819);
Lép. de France, ii. p. 110. n. 39, pl. 15. figs. 5, 6 [bad] (1822).

Erebia Medusa, *Westwood in Gen. Diurn. Lepid.* p. 378. n. 12 (1851).

Papilio Ligea, *Esper*, *Schmett.* i. pt. 1. tab. 7. fig. 2 (1777),
 but not of *Linnaeus*.

Var. Papilio (Hipparchia) Medusa, *Freyer*, *Neuere Beiträge*, i.
 p. 81. n. 75, tab. 43. fig. 1 (part)* (1833).

Var. Hipparchia Medusa, *Eversmann*, *Fauna Lep. Volgo-Ural.*
 p. 32. n. 22 (1844).

Erebia Hippomedusa, *Boisduval*, *Sp. Gén. Lép. Ind.* p. 27.
 n. 204 (1840).

? *Maniola Medea*, *Schrank*, *Fauna Boica*, ii. p. 173 (1801).

Germany.

B.M.

Var. Psodea.

♂. *Papilio Psodea*, *Hübner*, *Eur. Schmett.* i. tab. 98. fig. 497, ♂
 [nee 498, 499†] (1805).

Satyrus Psodea, *Godart*, *Enc. Méth.* ix. p. 537 (1819), but not
 of *Duponchel*.

♂. *Erebia Psodea*, *Herrich-Schäffer*, *Eur. Schmett.* figs. 165,
 166 (1843-45), but not of *Boisduval*.

Erebia Ceme, *Boisduval*, *Icon. Hist. Lép.* p. 174. n. 14, pl. 34.
 figs. 5-8 (1832).

Satyrus Ceme, *Duponchel*, *Lép. de France*, i. pl. 34. figs. 7, 8
 (1832).

Var. ♂. Papilio (Hipparchia) Ceme, *Freyer*, *Neuere Beiträge*, i.
 p. 57. n. 52, tab. 31. figs. 1, 2 (1833).

(♂) Polish Ukraine, Russia, (♀) Sweden.

B.M.

The sexes do not appear to differ much in this *Erebia*.

Var. ♂. Papilio (Hipparchia) Psodea, *Freyer*, *Neuere Beiträge*,
 ii. p. 44. n. 211, tab. 121. fig. 3 (1836).

Anticæ apice magis acuto, ocellis omnibus majoribus.

Sweden.

B.M.

Var. ?. Erebia Medusa, *Herrich-Schäffer*, *Eur. Schmett.* i. figs. 170
 (1843-45).

Var. EUMENIS.

Papilio (Hipparchia) Eumenis, *Freyer*, *Neuere Beiträge*, i. tab. 85.
 figs. 3, 4 (1833).

* The right hand figure = *Eumenis*, *Freyer*.

† In appearance more like *Erias*, but resembling *Medusa* on the underside.

Papilio Medusa [part.], *ibid.* tab. 43. fig. 1 (right hand figure).

Switzerland, Germany.

B.M.

This can scarcely be more than a well-marked variety of *Medusa* ♀; it has a greater number of ocelli, and the hind wings are sometimes paler below.

33. *Erebia Ceto*.

♂. *Papilio Ceto*, *Hübner*, *Eur. Schmett.* i. p. 34. n. 48, pl. 112. figs. 578, 579 (1805).

Papilio (*Hipparchia*) *Ceto*, *Freyer*, *Neuere Beiträge*, i. p. 69. n. 65, tab. 37. figs. 1, 2, ?? 3 (1833).

Satyrus Ceto, *Godart*, *Lép. France*, ii. p. 112. n. 40, pl. 16. figs. 1, 2 (1822).

Erebia Ceto, *Westwood in Gen. Diurn. Lepid.* p. 378. n. 10 (1851).

Papilio (*Hipparchia*) *Phoreys*, *Freyer*, *Neuere Beiträge*, i. p. 4, tab. 193. fig. 2 (1833).

Var. *Papilio* (*Hipparchia*) *Bubastis*, *ibid.* p. 71. n. 67, tab. 38. fig. 1 (1833).

Sweden.

B.M.

Var. ATRATA.

Papilio (*Nymph. Gemm.*) *atratus*, *Esper*, *Schmett.* i. pt. 2. tab. 104. cont. 59. fig. 1 (1777).

Switzerland.

B.M.

34. *Erebia Afer*.

Papilio (*Nymph. Gemm.*) *Afer*, *Esper*, *Schmett.* i. pt. 2. tab. 83. cont. 23. figs. 4, 5 (1777).

Papilio Afer, *Schneider*, *Syst. Besch.* p. 104. n. 44 (1787).

Papilio (*Hipparchia*) *Afer*, *Freyer*, *Neuere Beiträge*, i. p. 70. n. 66, tab. 37. fig. 4 (1833).

Hipparchia Afer, *Eversmann*, *Fauna Lepid. Volgo-Ural.* p. 33. n. 23 (1844).

Papilio Afra (*sic*), *Fabricius*, *Ent. Syst.* iii. pt. 1. p. 236. n. 738 (1793).

Satyrus Afra, *Godart*, *Enc. Méth.* ix. p. 530. n. 144 (1819).

Erebia Afra, *Boisduval*, *Icon. Hist. Lép.* p. 170. n. 12, pl. 34. figs. 1, 2 (1832).

Papilio Phegea, *Borkhausen*, *Naturgesch. eur. Schmett.* i. p. 101. n. 42 (1805), also of *Hübner*.

Var. ?. *Satyrus Afer*, *Duponchel*, *Lép. de France*, i. p. 224. n. 79, pl. 35. figs. 1, 2 (1832).

Var. ?. *Satyrus Dalmata*, *Godart*, *Enc. Méth.* ix. p. 530. n. 143 (1819).

Switzerland.

B.M.

35. *Erebia* *Parmenio*.

- Papilio *Parmenio*, *Boeber, Mém. Soc. Imp. Nat. Mosc.* (1809).
Erebia *Parmenio*, *Herrich-Schäffer, Eur. Schmett.* i. figs. 421, 422, 464, 466 (1843-45).
Satyrus *Stirius*, *Godart, Enc. Méth.* ix. p. 530. n. 142 (1819).
 Siberia, Russia. B.M.

36. *Erebia* *tristis*.

- Erebia* *tristis*, *Bremer, Lep. Ost-Sibir. u. Amur, in Bull. Acad. Imp. Sc. St. Pétersb.* p. 467. n. 10 (1861).
Erebia *Wanga*, *Bremer, Lep. Ost-Sibir. u. Amur. Mém. Acad. Imp. Sci. St. Pétersb.* viii. p. 20, pl. 2. fig. 1 (1865).
 Bureya Mountains.

Seems to be most nearly allied to *Cyclopius*; the ocellus of front wings with a grey instead of a yellow iris, and blending into the ground-colour; sometimes with a grey spot at the outer angle of the hind wings.

37. *Erebia* *Cyclopius*.

- Erebia* *Cyclopius*, *Herrich-Schäffer, Eur. Schmett.* i. figs. 607, 608 (1843-45).
Hipparchia *Cyclopius*, *Eversmann in Bull. Soc. Imp. Nat. Mosc.* p. 590, tab. 14. figs. 3A, 3B (1844).
Satyrus *Cyclopius*, *Westwood in Gen. Diurn. Lepid.* p. 389. n. 5 (1851).
 Irkutsk.

38. *Erebia* *fasciata*, sp. nov. Pl. II. fig. 8.

Alæ supra fuscae, anticæ velut in *discoidalis* rufescente.

Alæ subtus pallidiores, anticæ rufo-ferrugineæ, apice albicante, fasciis tribus subfuscis fusco-ferrugineo limitatis, prima basali confusa indistincta, secunda media lata plerumque utrinque undulata, ad costam latiore, tertia marginali: posticæ cinereo-albidæ, fasciis tribus distinctis rufo-fuscis (rarius cinereo-ferrugineis fusco limitatis), basali confusa nebulari, secunda undata et utrinque plerumque denticulata, tertia marginali intus minime undulata: corpus nigrum, antennis nigris (rarius ferrugineis).

Exp. alar. unc. 2-2 $\frac{3}{4}$.

Arctic America (9 specimens).

B.M.

There seems to be no published description exactly suited to this species; and it has therefore been necessary to describe it. It may belong to the *Manto* group of *Erebia*.

39. *Erebia* ? *discoidalis*.

- Hipparchia* *discoidalis*, *Kirby in Fauna Boreali-Amer.* p. 298. n. 416, pl. 3. figs. 2, 3 (1837).

Erebia discoidalis, *Westwood in Gen. Diurn. Lepid.* p. 380. n. 41 (1851).

Arctic America.

B.M.

Genus 16. PSEUDONYMPHA, *Wallengren* (1857).

Typical Species *Pseudonympha Hippia*.

1. *Pseudonympha Hippia*.

Papilio Hippia, *Cramer, Pap. Exot.* iii. pl. 302. figs. C, D (1782).

Erebia? *Hippia*, *E. Doubleday, List Lep. Brit. Mus.* i. p. 128 (1844).

Erebia Hippia, *Westwood in Gen. Diurn. Lepid.* p. 380. n. 46 (1851); also of *Trimen* (1866).

Pseudonympha Hippia, *Wallengren, Lep. Rhop. Caffror. in Kongl. Svenska Vetensk.* p. 32. n. 1 (1857).

Papilio Hippius, *Herbst, Natursyst. Insect.* viii. p. 156, tab. 204. figs. 5, 6 (1796).

Satyrus Cassius, ♀, *Godart, Enc. Méth.* ix. p. 526. n. 134 (1819).

Cape of Good Hope.

B.M.

2. *Pseudonympha Hyperbius*.

Papilio Hyperbius, *Linnaeus, Mus. Ulr. Reg.* p. 257. n. 76 (1764); *Syst. Nat.* ii. p. 769. n. 130 (1766); *Cramer, Pap. Exot.* ii. pl. 168. figs. E, F (1779); also of *Wulfen* (1786), *Fabricius* (1787), and *Herbst* (1796).

Satyrus Hyperbius, *Godart, Enc. Méth.* ix. p. 527. n. 135 (1819).

Erebia Hyperbius, *Westwood in Gen. Diurn. Lepid.* p. 380. n. 47 (1851); also of *Trimen* (1866).

Pseudonympha Hyperbius, *Wallengren, Lep. Rhop. Caffror. in Kongl. Svenska Vetensk.* p. 32. n. 3 (1857).

Cape Town, Affghanistan?

B.M.

3. *Pseudonympha Sabacus*.

Erebia Sabacus, *Trimen, Rhop. Afric. Austral.* ii. p. 200. n. 114, pl. 4. fig. 1 (1866).

Cape Colony, Knysna.

B.M.

I cannot bring myself to believe that the two insects figured as *Sabacus* are mere variations of one species. The position of the ocelli is quite different in the white-veined form; and the central strigæ, which appear to constitute the most constant character in the present family, are different in outline.

4. *Pseudonympha* Cassius.

Satyrus Cassius ♂, *Godart, Enc. Méth.* ix. p. 526. n. 134 (1819).

Erebia? Cassius, *E. Doubleday, List Lep. Brit. Mus.* i. p. 128 (1844).

Erebia Cassius, *Westwood in Gen. Diurn. Lepid.* p. 380. n. 45 (1851); also of *Trimen* (1866).

Papilio Hyperbius ♂, *Cramer, Pap. Exot.* ii. pl. 168. figs. C, D (1779); also of *Herbst* (1796).

Pseudonympha hyperbioides, *Wallengren, Lep. Rhop. Caffror. in Kongl. Svenska Vetensk.* p. 20 (1857).

Knysna, Delagoa Bay, Cape of Good Hope. B.M.

5. *Pseudonympha* Natalii.

Satyrus Natalii, *Boisduval, App. Voy. de Deleg.* p. 594. n. 84 (1847).

Erebia Natalii, *Westwood in Gen. Diurn. Lepid.* p. 380. n. 49 (1851); also of *Trimen* (1866).

Port Natal.

6. *Pseudonympha* Trimenii, sp. nov.

Erebia Sabacus, var. *a*, *Trimen, Rhop. Afric. Austral.* ii. p. 201. n. 114, pl. 4. fig. 2 (1866).

Near Cape Town (Trimen), South Africa. B.M.

7. *Pseudonympha* Tamatavæ.

Satyrus Tamatavæ, *Boisduval, Fauna Ent. de Madag.* p. 60, pl. 8. figs. 6, 7 (1834).

Erebia? Tamatavæ, *E. Doubleday, List Lep. Brit. Mus. App.* p. 32 (1847).

Erebia Tamatavæ, *Westwood in Gen. Diurn. Lepid.* p. 380. n. 51 (1851).

Madagascar. B.M.

8. *Pseudonympha*? Panda.

Satyrus Panda, *Boisduval, App. Voy. de Deleg.* p. 594. n. 85 (1847).

Erebia Panda, *Westwood in Gen. Diurn. Lepid.* p. 380. n. 50 (1851); *Hopffer in Peter's Reise nach Mosamb. Ins.* pl. 25. figs. 1, 2 (1862); also of *Trimen* (1866).

Amazoulu (Boisd.), Inhambane (Hopffer). Damaraland (Trim.).

Genus 17. HOMÆONYMPHA, *Felder* (1867).Typical Species *Homœonympha Pusilla*.1. *Homœonympha pusilla*.*Homœonympha pusilla*, *Felder, Reise der Fregatte Novara*, iii.
p. 487. n. 841 (1867).Chili (*Felder*).Genus 18. TETRAPHLEBIA, *Felder* (1867).Typical Species *Tetraphlebia Germainii*.1. *Tetraphlebia Germainii*.*Tetraphlebia Germainii*, *Felder, Reise der Fregatte Novara*, iii.
p. 487. n. 842 (1867).Chili (*Felder*).2. *Tetraphlebia? plumbeola*, sp. nov. Pl. II. fig. 11.Alæ supra olivacco-fusæ, forma generis *Leptoneuræ*.

Anticæ subtus pallidiores, area basali, costa et margine interno exceptis, rufo-ferruginea; hac a linea angulata et biarcuata discali fusca tenui limitata; linea submarginali subintegra alteraque marginali ab atomis plumbeo-albis apud apicem interrupta fuscis; ciliis olivaceis; posticæ olivaceæ venis albicantibus; fascia media lata irregulari arcuata fusca, de costa apud basim ad angulum internonalem currente, hac nigro limitata et squamis ochraceis utrinque marginata, punctis sex ocellaribus regulariter positis, tertio et quarto albis, aliis nigris ochraceo cinctis fusco circumcinctis et partim minutissime pupillatis; linea submarginali interrupta nigra extus plumbeo-albido marginata; ciliis olivaceis.

Exp. alar. unc. $1\frac{5}{8}$.

Port Famine.

B.M.

Genus 19. FAUNULA, *Felder* (1867).Typical Species *Faunula Leucoglène*.1. *Faunula Leucoglène*.*Faunula Leucoglène*, *Felder, Reise der Fregatte Novara*, iii.
p. 488. n. 843 (1867).Chili (*Felder*).

Rather larger than *Erebia Gorge*; the anal angle and apical margin of the hind wings more strongly produced than in any hitherto known *Erebia*.

Genus 20. *STYGNUS*, *Felder* (1867).Typical Species *Stygnus humilis*.1. *Stygnus humilis*.*Stygnus humilis*, *Felder, Reise der Fregatte Novara*, iii. p. 489.
n. 844 (1867).Chili, Valdivia (*Felder*).A small species, with somewhat the habit of a *Lymanopoda*.Genus 21. *NEOSATYRUS*, *Wallengren* (1858).Typical Species *Neosatyryus Ambiorix*.1. *Neosatyryus Ambiorix*.*Neosatyryus Ambiorix*, *Wallengren in Wien. ent. Monatschr.* iv.
p. 36. n. 14 (1860).

Valparaiso.

Genus 22. *CALLEREBIA*, *Butler* (1867).Typical Species *Callerebia scanda*.1. *Callerebia scanda*.*Erebia scanda*, *Kollar in Hügel's Kaschmir*, iv. pt. 2. p. 452,
tab. 17. figs. 3, 4 (1844); also of *Westwood* and *Moore*.*Callerebia scanda*, *Butler, Ann. & Mag. Nat. Hist.* ser. 3.
xx. p. 217. sp. 1 (1867).Var. *a.* *Butl. Ann. & Mag.* (1867).Var. *b.* *Erebia Annada*, *F. Moore, Cat. Lep. Mus. East-Ind.*
Comp. i. p. 226. n. 475 (1857).*Callerebia Annada*, *Butl.*, and var. *b.*, pl. 4. fig. 8 (1867).Var. *c.* *Butl. Ann. & Mag.* var. *c.*, pl. 4. fig. 9 (1867).

Cashmere, North India.

B.M.

2. *Callerebia Nirmala*.*Erebia Nirmala*, *F. Moore, Proc. Zool. Soc. London*, p. 501.
sp. 91 (1865).*Callerebia Nirmala*, *Butler, Ann. & Mag. Nat. Hist.* ser. 3.
xx. sp. ? 3 (1867).North-western Himalayas (*Moore*).*Callerebia scanda* is exceedingly variable both in form and pattern. Some specimens have the front wings rounded, whilst others have them slightly falcate at the apex. Some have the hind wings

nearly entire, whilst others have them more strongly sinuated and produced at the anal angle into a well-marked lobe.

The ocelli vary much in number, form, and position; the commoner form (*Annada*) being represented by two subanal ocelli and three subapical white dots. The subanal ocelli are sometimes blind, and frequently placed in an oblique position. The discal white dots sometimes form the pupils of ocelli. We have one specimen in which the third dot has become an ocellus, and two in which the second and third dots are replaced by perfect ocelli: in both cases the colouring of the hind wings is uniformly brown. I have seen a specimen of *Annada*, named by Mr. Moore, in Mr. Bates's Collection.

Genus 23. CALISTO (*Hübner*), *Westwood* (1851).

Typical Species *Calisto Zangis*.

1. *Calisto Zangis*.

♀. *Papilio Zangis*, *Fabricius*, *Syst. Ent.* p. 486 (1775); also of *Herbst*.

Hipparchia Zangis, *Hübner*, *Verz. bek. Schmett.* p. 57. n. 545 (1816).

Satyrus Zangis, *Godart*, *Enc. Méth.* ix. p. 525. n. 129 (1819).

Calisto Zangis, *Hewitson & Westwood*, *Gen. Diurn. Lepid.* pl. 66. fig. 5, p. 399. n. 1 (1851).

Papilio Agnes, *Cramer*, *Pap. Exot.* iv. pl. 325. figs. A, B (1782).

West Indies.

B.M.

2. *Calisto Herophile*.

Calisto Herophile, *Hübner*, *Zuträge Exot. Schmett.* figs. 269, 270 (1806); also of *Doubleday* and *Westwood*.

Honduras.

♀, B.M.

3. *Calisto Hysius*.

Satyrus Hysius, *Godart*, *Enc. Méth.* ix. p. 525. n. 131 (1819).

Calisto Hysius, *Westwood in Gen. Diurn. Lepid.* p. 399. n. 3 (1851).

North America? (*Godart*), var. *St. Domingo*.

B.M.

Our specimens agree with *Godart's* description in every particular, excepting the red colouring of the outer margins. The Museum specimens only have the margins a little paler in colouring.

4. *Calisto Archebates*.

Satyrus Archebates, *Ménétriés*, *Bull. Soc. Imp. Nat. Mosc.* v. (1832); and *Nouv. Mém. Soc. Nat. Mosc.* iii. p. 38 (1834).

Euptychia Archebates, *Westwood in Gen. Diurn. Lepid.* p. 374. n. 25 (1851); and *Bull. Zool. Proc.* (1866).

Antilles, Haiti.

Coll. Salvin.

There is a copy of the 'Nouveaux Mémoires' in the Library of the Linnean Society. Mr. Salvin has also pointed out that the paper is merely a reprint of that published in 1832 in the 'Bulletin of the Imperial Society.'

Genus 24. ZIPAETIS, *Hewitson* (1863).

Typical Species *Zipaetis Saitis*.

1. *Zipaetis Saitis*.

Zipaetis Saitis, *Hewitson, Exot. Butterf.* p. 100, pl. 50. fig. 6 (1863).

Neilgherries (Hewitson).

B.M.

2. *Zipaetis Scylax*.

Zipaetis Scylax, *Hewitson, Exot. Butterf.* p. 100, pl. 50. fig. 7 (1863).

Sylhet (Hewitson).

B.M.

Genus 25. PARAMECERA, gen. nov.

Alis omnibus supra dense pilosis: anticis costa convexe angulari; margine externo leviter sinuato; margine interno paulum undulato; vena prima disco-cellulari concava, brevi; secunda longiore subobliqua; vena mediana angulariter irregulari; venis ad basin bene tumidis: posticis costa convexiuscula, margine externo bene sinuato, margine interno ad angulum ani valde excavato; venis velut in *Euptychia*, magis autem regularibus.

Corpus lanare, breve; caput oculis cirratis, palpis magnis valde pilosis, articulo apicali angulariter projecto; antennis brevibus, clava subpiriformi, subtus excavata.

Coloribus generis *Amecece*, Butl., cellis autem discoidalibus magis ad illas *Euptychie*, Hübner., approximantibus.

This genus bears a great general resemblance to the genus *Amecece*. It, however, differs entirely in the form of the discoidal cells, the form of the hind wings, and the palpi; these are somewhat similar to the palpi of *Mycæsis*, of which a figure is given in the 'Annals and Magazine of Natural History,' Jan. 1867. It is allied to *Euptychia*, but the hind-wing cell is more regular, which brings the genus nearer to *Heteronympha*. The antennæ also are shorter, and more like those of *Amecece*; and the densely hairy upper surface of the wings separates it from all the rest of the *Satyridae*.

1. *Paramecera Xicaque* (*Neonympha Xicaque*, Reakirt, antè, p. 39).
Pl. II. fig. 5.

♂. Alis supra griseo-flavidis, area basali olivaceo tinctis: antica costa obscuriore, fascia discali interna cinerea obliqua cellam cingente; margine externo fusco; ocellis duobus subapicalibus cæcis nigris, secundo multo minore: posticæ area anali flavescente, margine apicali fusco, anali ferrugineo, bilineatis; ocellis quinque discalibus cæcis nigris, secundo et quarto majoribus: corpus cinereo-fuscum; antennis albo annulatis, præ flavescentibus.

Alæ subtus clariiores: antica flavæ, area basali obscuriore ad basin fusca; fasciis duabus mediis ferrugineis, externa apud angulum analem angulis alternis irregulari; lineis duabus marginalibus fusco-ferrugineis, interna undata, externa subintegra; margine ipso nigro; ciliis albo variegatis; ocellis duobus subapicalibus nigris, flavo iridatis, albo pupillatis et fusco circumcinctis, primo subgeminato, secundo multo minore: posticæ area basali fusca, albido rorata; area apicali rosea; fascia lata media valde irregulari fusca, tota atomis ochreis rorata, ferrugineo utrinque marginata; lineis duabus marginalibus undulatis, interna ad apicem nigrescente et valde sinuata, ferrugineis; ocellis sex discalibus nigris, albo pupillatis, flavo cinctis et fusco circumcinctis; ciliis fuscis albido variis: corpus fusco-cinereum.

Exp. alar. unc. 1 $\frac{7}{8}$.

Mexico.

♂, B.M.

Genus 26. IDIONEURA, *Felder* (1867).

Typical Species *Idioneura erebioides*.

1. *Idioneura erebioides*.

Idioneura erebioides, *Felder*, *Reise der Fregatte Novara*, iii. p. 474. n. 813 (1867).

New Granada (*Felder*).

The size of *Erebia Epiphron*, which it resembles in the form of its wings. Dr. *Felder* places this insect near the genus *Lymanopoda*, but states that the form of the hind-wing cell is similar to that of *Heteronympha Merope*.

Genus 27. HETERONYMPHA (part.), *Wallengren* (1858).

Typical Species *Heteronympha Merope* *.

1. *Heteronympha Merope*.

♀. Papilio *Merope*, *Fabricius*, *Ent. Syst.* iii. pt.1. p. 99. n. 306 (1793); *Donovan*, *Ins. New Holland*, pl. 28. fig. 2 (1805).

* As this is the type of the genus *Hipparchioides*, the latter will have to be rejected, though *Wallengren*'s description will not suit the genus as it now stands.

Satyrus Merope, *Godart, Enc. Méth.* ix. p. 500. n. 80 (1819); also of *Boisduval* (1832-35).

Lasiommata Merope, *E. Doubleday, List Lep. Brit. Mus.* i. p. 134 (1844); also of *Westwood* (1851).

Heteronympha Merope, *Wallengren, Nov. Gen. Lepid. Kongl. Vet. Akad. Forhandl.* p. 78 (1858).

Hipparchioides Merope, *Butler, Ann. & Mag. Nat. Hist.* xix. p. 126. n. 1 (1867).

♂ ♀. *Oreas nubila* (Enomais, *Hübner, Exot. Schmett.* i. pl. 94. figs. 1-4 (1806).

Minois (Enomais, *Hübner, Verz. bek. Schmett.* p. 58. n. 552 (1816).

♂. *Satyrus Archemor*, *Godart, Enc. Méth.* ix. p. 500. n. 82 (1819).

Australia. ♂ ♀, B.M.

Var. Minor et obscurior.

Tasmania. ♂ ♀, B.M.

2. *Heteronympha Duboulayi*.

Hipparchioides Duboulayi, *Butler, Ann. & Mag. Nat. Hist.* (March 1867).

Champion Bay. B.M.

3. *Heteronympha Philerope*.

♂. *Satyrus Philerope* [part.], *Boisduval, Voy. de l'Astrolabe, Entom.* pt. 1. p. 147 (1832-35); also of *Guérin, Voy. de la Favorite, Suppl.* pl. 3. fig. 2, and p. 16 (1839).

♂. *Lasiommata Philerope* [part.], *Westwood in Gen. Diurn. Lepid.* p. 387. n. 19 (1851).

♀. *Hipparchioides Philerope*, *Butler, Ann. & Mag. Nat. Hist.* xix. p. 126. n. 2, pl. 3. fig. 2 (1867).

Australia. ♂, Coll. Hewitson; ♀, B.M.

4. *Heteronympha Banksii*.

Hipparchia Banksii, *Leach, Zool. Miscell.* i. p. 10 (1814).

Lasiommata Banksia, *E. Doubleday, List Lep. Brit. Mus.* i. p. 134 (1847); also of *Westwood* (1851).

Hipparchioides Banksia, *Butler, Ann. & Mag. Nat. Hist.* xix. p. 126. n. 3 (1867).

Satyrus Gelanor, *Godart, Enc. Méth.* ix. p. 498. n. 73 (1819); also of *Boisduval* (1832-35), but not *P. Gelanor*, *Cramer*.

New Holland. ♂, B.M.

5. *Heteronympha mirifica*.

♀. *Lasiommata mirifica*, *Butler, Ann. & Mag. Nat. Hist.* xvii. p. 286 (1866).

Hipparchioides mirifica, *Butl. ibid.* xix. p. 127. n. 4, pl. 3. fig. 1 (1867).

Hab. — ?

♀, B.M.

Genus 28. *CALLITÆRA*, gen. nov.*

1. *Callitæra Menander*.

Papilio Menander, *Drury, Ill.* iii. pl. 38. fig. 3 (1782).

Papilio Andromeda, *Fabricius, Ent. Syst.* (nec *Syst. Ent.*) iii. pt. 1. p. 184. n. 569 (1793).

Satyrus Andromeda, *Godart, Enc. Méth.* ix. p. 485. n. 18 (1819).

Hætera Andromeda (part.), *Westwood in Gen. Diurn. Lepid.* p. 365. n. 2 (1851); *Butler, Proc. Zool. Soc.* pl. 3. fig. 2 (1866).

Panama.

B.M.

2. *Callitæra Aurora*.

Hætera Pireta, *Cram.?*, var. *Aurora*, *Felder, Wien. ent. Monatsschr.* vi. p. 126. n. 149 (1862).

Hetæra Aurora, *Butler, Proc. Zool. Soc.* p. 42. pl. 3. figs. 7, 8 (1866).

Bogota, Ega, Para, Peru.

B.M.

There are several undescribed species of this group in the collections of Messrs. Salvin and Bates, and one or two in the National Collection.

3. *Callitæra Esmeralda*.

Hætera Esmeralda, *E. Doubleday, Ann. & Mag. Nat. Hist.* xvi. p. 306 (1845); *Hewitson & Westwood, Gen. Diurn. Lepid.* p. 365. n. 3 (1851).

Para.

B.M.

4. *Callitæra Harpalyce*.

Hetæra Harpalyce, *Butler, Proc. Zool. Soc.* p. 42. pl. 3. fig. 6 (1866).

Upper Amazons.

B.M.

5. *Callitæra Andromeda*.

Papilio Andromeda, *Fabricius, Syst. Ent.* (nec *Ent. Syst.*) p. 467. n. 107 (1775).

Cithærias Andromeda, *Hübner, Verz. bek. Schmett.* p. 53. n. 496 (1816).

♂. *Papilio Philis*, *Cramer, Pap. Exot.* iv. pl. 387. fig. E (1782).

Cithærias Cissa, *Hübner, Verz. bek. Schmett.* p. 53. n. 495 (1816).

♂. *Hetæra pellucida*, *Butler, Proc. Zool. Soc.* p. 41. pl. 3. fig. 5 (1866).

Surinam (Cramer), Cayenne (Butler).

B.M.

* Alis subpiriformibus, hyalinis; venis omnibus regularibus, bene separatis; cella anticarum perlonga, posticarum ei *Heteronymphæ* similima.

Genus 29. HÆTERA (sic), *Fabricius* (1807).Typical Species *Hætera Piera*.1. *Hætera Piera*.

Papilio Piera, *Linnaeus*, *Mus. Lud. Utr.* p. 220. n. 39 (1764);
Syst. Nat. p. 754. n. 52 (1766); *Clerck*, *Icones*, tab. 36. fig.
 43 (1759-64).

Oreas dubia Piera, *Hübner*, *Samml. exot. Schmett.* i. pl. 82.
 figs. 1-4 (1806).

Cithærias Piera, *Hübner*, *Verz. bek. Schmett.* p. 53. n. 494
 (1816).

Satyrus Piera, *Godart*, *Enc. Méth.* ix. p. 483. n. 17 (1819).

Hætera Piera, *Westwood in Gen. Diurn. Lepid.* p. 365. n. 1
 (1851).

Papilio Pierra (sic), *Sulzer*, *Gesch. Ins.* tab. 15. fig. 5.

♀. *Papilio* Anacardii, *Fabricius*, *Syst. Ent.* p. 467. n. 105
 (1775); and (part.), *Linnaeus*, *Mus. Lud. Utr.* p. 236. n. 55
 (1764); *Merian*, *Ins. Surin.* t. 16. fig. sup. sinistr. (1705).

Papilio Piera, *Cramer*, *Pap. Exot.* iv. pl. 291. figs. C-E (1782).

Surinam (Merian, Cramer), Brazil? B.M.

Linnaeus quotes Madame Merian's figure of this insect as a representation of *Salamis Anacardii*; *Fabricius*, in the 'Systema Entomologiae,' not only repeats the error, but alters the description to suit Merian's representation: they both quote Clerck's figure, which well illustrates the *Linnaean* species.

Para, Peru. B.M.

Local form. ? *H. PIERA* of *Boisduval*.

Hætera Piera, *Boisduval*, *Sp. Gén. Lép.* pl. 13 (9 B). fig. 4
 (1836).

Alae posticae fascia integra hand fulvo tincta.

Brazil, Ega. B.M.

Our copy of *Boisduval*'s work is uncoloured, but his figure has quite the character of this form.

Local form. *H. DIAPHANA*.

Hætera diaphana, *Lucas*, in *Ramon de la Sagra's Hist. de l'Ile de Cuba (Insectes)*, p. 587 (1857).

Cuba (Lucas).

This is probably identical with the preceding form from Brazil and Ega; at any rate the description is applicable to it.

Local form. *H. HYMENÆA*.

Hætera hymenæa, *Felder*, *Reise der Fregatte Novara*, iii. p. 459.
 n. 771 (1867).

Bahia (Felder).

The description of this form agrees with that of *diaphana*; and it

is more than probable that the two are identical, although from different localities.

Var. NEGRA.

Hætera Piera, var. Negra, Felder, Wien. ent. Monatsch. vi. p. 127. n. 150 (1862).

Rio Negro (Felder).

2. *Hætera Macleannania.*

Hætera Macleannania, Bates, Ent. Month. Mag. iii. p. 180 (1866).

Panama.

Colls. Salvin and B.M.

We have a species from Bogota and Para, intermediate between this and the typical form of *Piera*, which will probably be shortly described by Mr. Salvin.

3. *Hætera Hypæsia.*

Hætera Hypæsia, Hewitson, Trans. Ent. Soc. London, 2nd ser. ii. p. 247, pl. 23.

Bogota.

B.M.

This species varies slightly as regards the position of the discocellular veins of the hind wings.

Genus 30. *PIERELLA*, *Westwood* (1851).

Typical Species *Pierella Nereis*.

1. *Pierella Nereis.*

Papilio Nereis, Drury, Ill. iii. pl. 35. figs. 2, 3 (1782).

Cithærias Nereis, Hübner, Verz. bek. Schmett. p. 53. n. 497 (1816).

Satyrus Nereis, Godart, Enc. Méth. ix. p. 483. n. 16 (1819);
Lucas, Lep. Exot. p. 146, pl. 8 A. fig. 1 (1835).

Hætera (Pierella) Nereis, Westwood in Gen. Diurn. Lepid. p. 365. n. 4 (1851).;

Brazil &c.

B.M.

2. *Pierella Hyceta.*

Hætera Hyceta, Hewitson, Exot. Butterf. ii. p. 83. pl. 42. fig. 1 (1859).

Nauta (Amazons).

Type, B.M.

3. *Pierella Latona.*

Hætera Latona, Felder, Reise der Fregatte Novara, iii. p. 459. n. 770 (1867).

Bogota (Felder).

According to Felder, this species would be intermediate between *Hyceta* and *Lamia*.

4. *Pierella Rhea*.

Papilio Rhea, *Fabricius, Syst. Ent.* p. 467. n. 106 (1775).

Pieris Rhea, *Hübner, Verz. bek. Schmett.* p. 53. n. 498 (1816).

Demerara, Rio Janeiro.

B.M.

Subsp. P. LAMIA.

Papilio (Nymph. Phal.) *Lamia*, *Sulzer, Gesch. Ins.* p. 145. tab. 18. fig. 1 (1776).

Hætera Lamia, *Felder in Wien. ent. Monatschr.* vi. p. 126. n. 148 (1862).

Papilio Dindymene, *Cramer, Pap. Exot.* iii. tab. 198. figs. F, G (1782).

Satyrus Dindymene, *Godart, Enc. Méth.* ix. p. 482. n. 14 (1819).

Hætera Dindymene, *Westwood in Gen. Diurn. Lepid.* p. 365. n. 5 (1851).

Bogota, Peru, and (var.) Para.

B.M.

5. *Pierella Luna*.

Papilio Luna, *Fabricius, Ent. Syst.* iii. pt. 1. p. 109. n. 336 (1793).

Satyrus Luna, *Godart, Enc. Méth.* ix. p. 482. n. 15 (1819).

Hætera Luna, *Westwood in Gen. Diurn. Lepid.* p. 365. n. 6 (1851).

Demerara.

B.M.

Subsp. H. Luna, *Hewitson, Exot. Butterf.* ii. p. 83, pl. 42. fig. 3 (1859).

Nicaragua.

B.M.

This is a very constant and well-marked form, and will probably be named in Mr. Salvin's forthcoming monograph of this group of Butterflies.

6. *Pierella Astyoche*.

Hetæra (sic) Astyoche, *Erichson in Schomburgk's Reisen in Britisch-Guiana*, Theil iii. p. 599 (1848).

Hætera Larymna, *Hewitson and Westwood in Gen. Diurn. Lepid.* p. 365. n. 7, pl. 62. fig. 1 (1851).

British Guiana and Para.

B.M.

Var. Hætera Astyoche, var., *Hewitson, Exot. Butterf.* ii. p. 84, pl. 42. fig. 5 (1859).

Peru, Nauta, Para.

B.M.

7. *Pierella ocreata*.

Pierella ocreata (species hand descripta).

Panama.

Colls. Salvin and B.M.

This beautiful species will most likely be shortly described by Mr. Salvin; it is allied to *helvina* of Hewitson.

8. *Pierella helvina*.

Hætera helvina, *Hewitson, Exot. Butterf.* ii. p. 84, pl. 42. fig. 4 (1859).

New Granada.

B.M.

There are several beautiful species allied to *helvina* in Mr. Salvin's Collection.

9. *Pierella Lena*.

Papilio Lena, *Linnaeus, Syst. Nat.* ii. p. 784. n. 206 (1766); figured by *Rösel, Ins. Belust.* Theil iv. tab. 10. figs. 3, 4 (1761).

Pieris Lena, *Hübner, Verz. bek. Schmett.* p. 53. n. 499 (1816).

Satyrus Lena, *Godart, Enc. Méth.* ix. p. 481. n. 13 (1819); but not of *Lucas*.

Hætera Lena, *Westwood in Gen. Diurn. Lepid.* p. 365. n. 8 (1851).

Para, Demerara, Rio Janeiro.

B.M.

Var. Hætera Lena, var., *Hewitson, Exot. Butterf.* ii. p. 83, pl. 42 fig. 2 (1859).

Rio Janeiro, Peru.

B.M.

Var. Hætera Lena, var. *Braziliensis*, *Felder, Wien. ent. Monatschr.* vi. p. 126. n. 147 (1862).

Rio Negro (Felder).

10. *Pierella Dracontis*.

Pieris Dracontis, *Hübner, Verz. bek. Schmett.* p. 53. n. 500 (1806).

Hætera Dracontis, *Westwood in Gen. Diurn. Lepid.* p. 365. n. 9 (1851).

Papilio Lena, *Cramer, Pap. Exot.* iv. tab. 291. figs. A, B (1782).

Oreas dubia Lena, *Hübner, Exot. Schmett.* Band i. tab. 83. figs. 1-4 (1806).

Hætera Lena, *Hewitson in Gen. Diurn. Lepid.* pl. 62. fig. 2 (1851).

Para.

B.M.

Var. Satyrus Lena, *Lucas, Lep. Exot.* pl. 79. fig. 3 (1835).

Santa Lucia.

B.M.

11. **Pierella Hortona.**

Hætera Hortona, *Hewitson, Trans. Ent. Soc. London*, ii. p. 246,
new ser. pl. 23. fig. 1.

Ega (Amazons).

B.M.

Local form? Forma fasciisque diversa.*

Nauta.

B.M.

12. **Pierella Hortensia.**

Hætera Hortensia, *Felder, Wien. ent. Monatschr.* Band vi. p. 125.
n. 145 (1862).

Rio Negro (Felder).

There are still one or two races of the *Hortona* group undescribed, and which seem almost sufficiently distinct to constitute species.

Genus 31. ANCHIPHLEBIA, gen. nov.

Typical Species *Anchiphlebia Archæa*.

Alæ forma elongatæ: antiæ costa regulariter convexa; apice convexo, rarius acuminato; margine externo obliquo undato, margine interno velut in *Euplœa*, maribus convexo, fœminibus subrecto, maribus subtus plaga pectinatim cirrata: posticæ costa maribus valde convexa, margine externo subintegro obliquo, angulo anali subquadrato; margine interno paulum convexo.

Alæ venis anticarum superiore disco-cellulari valde obliqua, inferiore subconvexa; posticarum prima et secunda subcostalibus ad origines mari valde approximatis et subparallelis; superiore disco-cellulari elongata paulum concava; inferiore brevior obliqua: corpus lanare, oculis subnudis, antennis tenuibus, palpis vix porrectis.

1. **Anchiphlebia Archæa.** (♂ neuration, Pl. V. fig. 3.)

Antirrhæa Archæa, *Hübner, Samml. exot. Schmett.* ii. pl. 81.
figs. 3, 4 (1806); also of *E. Doubleday* (1844).

Hætera (Antirrhæa) Archæa, *Westwood in Gen. Diurn. Lepid.*
p. 366. n. 12 (1851).

Satyrus Girondius, *Godart, Enc. Méth.* ix. p. 484. n. 19 (1819).

(♂) Bahia, (♂ ♀) Brazil.

B.M.

2. **Anchiphlebia Hela.**

Antirrhæa Hela, *Felder, Wien. ent. Monatschr.* vi. p. 173. n. 144
(1862); *Nov. Voy.* iii. tab. 66. figs. 5, 6 (1867).

Rio Negro (Felder), Peru, St. Paulo.

B.M.

Satyrus Betro of Godart, placed by Westwood in this group, is a species of *Taygetis*.

3. *Anchiphlebia Taygetina*, sp. nov. Pl. V. fig. 2.

Alæ supra ochraceæ, area basali obscuriore et a linea discali obliqua fusca limitata; margine externo fuscescente: anticæ ocellis* tribus ovalibus nigris, apicali minore, albo pupillatis: posticæ area anali obscurius fuscescente; maculis duabus vel quatuor violaceis albo punctatis discalibus; margine interno fusco: corpus olivaceo-fuscum.

Alæ subtus pallidius ochraceæ, aliquando roseo tinctæ; lineis duabus mediis, ad costam anticarum divergentibus, fuscis; externa albido extus marginata; litura interjecta anticis discoidali; linea submarginali undata indistincta fusca; punctis alis ambabus quinque discalibus serie angulari positis; margine externo paulum fuscescente: corpus ochreo-albidum.

Exp. alar. unc. $2\frac{11}{16}$ –3.

Ega.

♂ ♀, B.M.

Genus 32. ANTIRRHÆA *, *Westwood* (1851).

Typical Species *Antirrhæa Philoctetes*.

1. *Antirrhæa Philoctetes*.

♀. *Papilio Philoctetes*, *Clerck*, *Icones*, tab. 30. fig. 3 (1759); also of *Linneus* (1766), *Fabricius* (1775), &c.; ♂ ♀, *Cramer*, *Pap. Exot.* i. pl. 20. figs. A–C (1779).

Satyrus Philoctetes, *Godart*, *Enc. Méth.* ix. p. 480. n. 11 (1819).

Antirrhæa Philoctetes, *E. Doubleday*, *List Lep. Brit. Mus.* i. p. 121 (1844).

Hætera (*Antirrhæa*) *Philoctetes*, *Westwood* in *Gen. Diurn. Lepid.* p. 365. n. 10 (1851).

Pieris Philoctetes, *Hübner*, *Verz. bek. Schmett.* p. 53. n. 501 (1816).

♂. *Broken?* *Papilio Philoctetes*, *Drury*, *Ill.* ii. pl. 1.

Demerara, Surinam, Tapajos.

♂ ♀, B.M.

2. *Antirrhæa Morna*.

Papilio Morna, *Fabricius*, *Syst. Ent.* p. 500. n. 245 (1775).

Satyrus Morna, *Godart*, *Enc. Méth.* ix. p. 481. n. 12 (1819).

Hætera (*Antirrhæa*) *Morna*, *Westwood* in *Gen. Diurn. Lepid.* p. 366. n. 11 (1851).

India (*Fabricius*), West Indies (*Westwood*).

Professor *Westwood* suggests that this is very likely a mutilated specimen of *Philoctetes*, in which case it would be represented well by *Drury's* figure, *Ill.* ii. pl. 1.

* *Hübner's Antirrhæa* was only used in the 'Sammlung,' not in his 'Verzeichniss,' and appears not to have been characterized.

3. **Antirrhæa Philaretos** (*Philopœmen*, var.?).

Antirrhæa Philaretos, *Felder, Wien. ent. Monatschr.* vi. n. 136 (1862).

Bogota.

B.M.

4. **Antirrhæa Philopœmen.**

Antirrhæa Philopœmen, *Felder, Wien. ent. Monatschr.* vi. n. 137 (1862); *Nov. Voy.* iii. p. 459. n. 766, tab. 66. figs. 3, 4 (Sept. 1867).

Bogota (Felder), Ega, St. Paulo.

♂ ♀, B.M.

5. **Antirrhæa Geryon.**

Antirrhæa Geryon, *Felder, Wien. ent. Monatschr.* vi. n. 139 (1862); *Nov. Voy.* iii. p. 459. n. 768, tab. 67. figs. 1, 2 (Sept. 1867).

Bogota (Felder).

B.M.

6. **Antirrhæa Lindigii.**

Antirrhæa Lindigii, *Felder, Wien. ent. Monatschr.* vi. n. 138 (1862); *Nov. Voy.* iii. p. 459. n. 767, tab. 66. figs. 1, 2 (1867).
Antirrhæa casta, *Bates, Ent. Month. Mag.* i. p. 179. n. 73 (1864).

Bogota (Felder), Guatemala [Vera Paz] (Bates). Coll. Salvin.

7. **Antirrhæa ? Miltiades.**

Papilio Miltiades, *Fabricius, Ent. Syst.* iii. pt. 1. p. 66. n. 205 (1793).

Satyrus Miltiades, *Godart, Enc. Méth.* ix. p. 358. n. 26 (1819).
Nymphalis ? Miltiades, *Westwood in Gen. Diurn. Lepid.* p. 310. n. 43 (1850).

Hætera ?? (Antirrhæa) Miltiades, *Westwood, ibid.* p. 366. n. 14 (1851).

Charaxes ? Miltiades, *Butler, Proc. Zool. Soc.* p. 639. n. 68 (1865).

Hab. — ?

I have compared the description of this species with most of the tailed Diurnal Lepidoptera, but I can find none to suit it.

Genus 33. ZOPHOËSSA, *Westwood* (1851).

Typical Species *Zophoëssa Sura*.

1. **Zophoëssa Sura.**

Zophoëssa Sura, *Hewitson & Westwood in Gen. Diurn. Lepid.* p. 362. n. 1, pl. 61. fig. 1 (1851).

Sylhet.

B.M.

2. *Zophoëssa Yama*.

Zophoëssa Yama, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.*
i. p. 221. n. 458 (1851).

Bootan, North India (Moore), Sylhet.

B.M.

3. *Zophoëssa Goalpara*.

Zophoëssa Goalpara, *F. Moore, Proc. Zool. Soc. London*, p. 768
(1865).

? North-east Bengal (Moore).

4. *Zophoëssa Baladeva*.

Zophoëssa Baladeva, *F. Moore, Proc. Zool. Soc. London*, p. 769,
pl. 61. fig. 5 (1865).

North-east Bengal (Moore).

Genus 34. ZETHERA *, *Felder* (1861).

Typical Species *Zethera Pimplea*.

1. *Zethera Pimplea*.

Cynthia Pimplea, *Erichson in Meyden's Reise um die Erde*,
Theil iii. p. 405 (280). n. 5, tab. 1. fig. 5 (1834).

Diadema? *Pimplea*, *Westwood in Gen. Diurn. Lepid.* p. 281.
n. 23 (1850).

Zethera Pimplea, *Felder in Nov. Act. Acad. Cæsar. Leop. Carol.*
Germ. Nat. Curios. 3rd Dec. tom. viii. p. 26. n. 61 (June
1861).

Luzon (Philippines).

B.M.

Var. AGANIPPE.

Zethera Aganippe, *Felder, Wien. ent. Monatschr.* vii. n. 71
(1863).

Bourias, Locban (*Felder*).

2. *Zethera Parnassia*.

Zethera Parnassia, *Felder, Wien. ent. Monatschr.* vii. n. 70
(1863). ? *Aberr. Pimplea (Feld.)*.

Luzon (*Felder*).

* *Felder's* genus *Zethera* was published one month earlier than the *Amechania* of *Hewitson*; I attach no importance to the fact of its having been previously used as a MS. name; on the contrary, I should prefer to reject it on that account, as there can be no doubt that MS. names are the plague of students in entomology.

3. *Zethera Musa*.

Zethera Musa, *Felder, Wien. ent. Monatschr.* v. p. 301. n. 15 (1861).

Luzon, Mindanao (Felder), Philippines.

B.M.

4. *Zethera incerta*.

Amechania incerta, *Hewitson, Exot. Butterf.* ii. p. 87, pl. 44 (1861).

Tondano (Celebes).

Coll. Wallace.

5. *Zethera hestioides*.

Zethera hestioides, *Felder, Wien. ent. Monatschr.* v. p. 302. n. 17 (1861).

Mindanao (Felder), Philippines.

B.M.

This species is most nearly allied to the genus *Orinoma* as regards pattern; most of the markings on *O. Damaris* can be seen in a modified form upon *Z. hestioides*.

Genus 35. *ORINOMA**, *Westwood* (1851).

Typical Species *Orinoma Damaris*.

1. *Orinoma Damaris*.

Orinoma Damaris, *G. R. Gray, Lep. of Nepal*, p. 14, tab. 7. figs. 2, 2 *a* (1846); *Hewitson in Gen. Diurn. Lepid.* p. 369. n. 1, pl. 63. fig. 3 (1851); *Butler, Ann. & Mag. Nat. Hist.* 3rd ser. xix. pl. 2. figs. 4, 4 *a* [structure] (1867).

Satyrus? *Orinoma*, *E. Doubleday, List Lep. Brit. Mus.* i. p. 122 (1844).

Nepal, North India.

B.M.

Genus 36. *ANADEBIS*, *Butler* (1867).

Typical Species *Anadebis Himachala*.

1. *Anadebis Himachala*.

Theope (*Mycalesis*?) *Himachala*, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* i. p. 234 (1857).

Ethope *Himachala*, *F. Moore, Proc. Zool. Soc. London*, p. 770 (1865).

* The MS. generic name *Orinoma* was applied first by Mr. E. Doubleday, and adopted by Mr. G. R. Gray in his 'Insects of Nepal'; he also uses the generic name *Pieris*. This genus only differs from *Zethera* in the relative length of the disco-cellular nervelets.

Anadebis Himachala, *Butler, Ann. & Mag. Nat. Hist.* xix. p. 51, pl. 2. figs. 1, 1a, 1b (1867).

Neorina sita, *Felder, Wien. ent. Monatschr.* iii. p. 403 (1859).

Darjeeling (Moore), Sylhet.

B.M.

Genus 37. NEORINA, *Westwood* (1851).

Typical Species *Neorina Hilda*.

1. *Neorina Hilda*.

Neorina Hilda, *Hewitson & Westwood in Gen. Diurn. Lepid.* p. 370. n. 1 (1851); also of *Moore* (1857).

Darjeeling (Moore), East Indies.

B.M.

2. *Neorina Crishna*.

Cyllo Crishna, *Westwood in Gen. Diurn. Lepid.* p. 361. n. 9 (1851); also of *Moore* (1857).

Java (Moore), North India.

B.M.

3. *Neorina Lowii*.

Cyllo Lowii, *Hewitson & Westwood in Gen. Diurn. Lepid.* p. 361. n. 8, pl. 61. fig. 4 (1851).

Borneo, Sumatra.

B.M.

Genus 38.^c CÆLITES, *Westwood* (1851).

Typical Species *Cælitès Nothis*.

1. *Cælitès Nothis*.

Cælitès Nothis, *Hewitson & Westwood in Gen. Diurn. Lepid.* p. 368. n. 1, pl. 66. fig. 2 (1851).

East India (Westwood).

2. *Cælitès Epiminthia*.

Cælitès Epiminthia, *Westwood in Gen. Diurn. Lepid.* p. 368. n. 2 (1851); also of *Moore* (1857).

Borneo (Westwood), Sumatra, and (var.) Borneo.

B.M.

3. *Cælitès vicinus*.

Cælitès vicinus, *Felder, Reise der Fregatte Novara*, iii. p. 499. n. 865 (1867).

Celebes (Felder).

Dr. Felder thinks this may be a local form of *Epiminthia*; his description, however, seems to indicate a very distinct species. In

Epiminthia there are five ocelli in the front wings, the second and fifth largest, the third smallest; in the hind wings there are also five, the first and last larger. None of the ocelli could, strictly speaking, be described as black; they are olivaceous, with a yellow iris edged outwardly with dark brown, and they have a diagonal white pupil irrorated with black atoms; these ocelli, moreover, all stand upon a pale violet ground,—which, I should think, can scarcely answer to the description “*cincturis confluentibus, in ocellis quatuor inferioribus extus dilatatis.*”

4. *Cœlites euptychioides*.

Cœlites euptychioides, *Felder, Reise der Fregatte Novara*, iii. p. 499. n. 866 (1867).

Borneo (Felder).

B.M.

According to Felder, “Agreeing with *Epiminthia* (Westw.) in the form of its wings; in the colouring of the upperside resembling the species of *Neonympha* of the group *Euptychia*, especially *Chloris* of Cramer.

“The wings are shorter than in *C. vicinus*, and the apical area broader.”

Var. HUMILIS.

Cœlites humilis, *Butler, Ann. & Mag. Nat. Hist.* ser. 3. xx. p. 403, pl. 8. figs. 5, 6, pl. 9. fig. 2 (1867).

Malacca.

Coll. Roberts.

A local form of Felder's *C. euptychioides*.

Genus 39. *NEOPE*, *Butler* (1867).

Typical Species *Neope Bhadra*.

1. *Neope Bhadra*.

Lasiommata? (Enope) *Bhadra*, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* i. p. 227. n. 478 (1857).

Neope Bhadra, *Butler, Ann. & Mag. Nat. Hist.* xix. p. 166. n. 1 (1867).

Darjeeling, East Indies.

B.M.

2. *Neope Pulaha*.

Lasiommata? (Enope) *Pulaha*, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* i. p. 227. n. 477 (1857).

Enope Pulaha, *F. Moore, Proc. Zool. Soc.* p. 499. n. 80 (1865).

Bootan, India.

B.M.

3. **Neope dendrophilus.**

Satyrus dendrophilus, *Trimen, Tr. Ent. Soc. Lond.* 3rd ser. i. p. 399 (1862).

Debis dendrophilus, *Trimen, Rhop. Afric. Austral.* ii. p. 191. n. 108, pl. 3. fig. 8 (1866).

Bashee River, Kaffraria (*Trimen*).

I have seen specimens of this species in Mr. Hewitson's Collection. It evidently belongs to the genus *Neope*.

4. **Neope Moorei.**

Neope Moorei, *Butler, Ann. & Mag. Nat. Hist.* xix. p. 166. n. 3, pl. 4. fig. 7 (1867).

East Indies. ♀, B.M.

This is evidently a local representative of *N. Goschkevitschii*.

5. **Neope Goschkevitschii.**

Lasiommata Goschkevitschii, *Ménétriés, Enum. Corp. Anim. Lepid.* pt. 2. p. 121. n. 1298, tab. 10. fig. 4 (1857). *L. Goschkevitschii* (*sic*), *Felder, Wien. ent. Monats.* vi. p. 28 (1862).

Neope Pulaha, *Butler, Proc. Linn. Soc.* ix. p. 56. n. 21 (1866).

Neope Japonica, *Butler, Ann. & Mag. Nat. Hist.* xix. p. 167. n. 4. (1867).

Japan, Hakodadi. ♂ ♀, B.M.

6. **Neope Bremeri.**

Lasiommata Bremeri, *Felder, Wien. ent. Monatschr.* vi. p. 28 (1862).

Near Ning-po.

Allied to *Goschkevitschii*.

7. **Neope Muirheadii.**

Lasiommata Muirheadii, *Felder, Wien. ent. Monatschr.* vi. p. 28 (1862).

Tse-Kiang (*Felder*), Shanghai. B.M.

Allied to the preceding species, but with wider and more delicate wings; the front wings with the apex less produced, and the discoidal cell not reaching beyond the middle of the costa.

Var. SEGONAX.

Debis Segonax, *Hewitson, Exot. Butterf.* iii. p. 74, pl. 37. fig. 5 (1862).

China (*Hewitson*).

Genus 40. LETHE, *Hübner* (1816).Typical Species *Lethe Europa*.1. *Lethe Portlandia*.

Papilio Portlandia, *Fabricius*, *Ent. Syst.* iii. pt. 1. p. 103. n. 319 (1793).

Satyrus Portlandia, *Boisduval & Leconte*, *Lép. Am. Sept.* pl. 58 (1833).

Debis Portlandia, *Westwood in Gen. Diurn. Lepid.* p. 360. n. 9 (1851).

Oreas marmorea Andromacha, *Hübner*, *Samml. exot. Schmett.* Band i. pl. 89. figs. 1, 2 (1805).

United States.

B.M.

2. *Lethe Europa*.

♀. *Papilio Europa*, *Fabricius*, *Syst. Ent.* p. 500 (1775).

♂ ♀. *Oreas marmorea Europa*, *Hübner*, *Samml. exot. Schmett.* Band i. pl. 90. figs. 1-4 (1805).

Lethe Europa, *Hübner*, *Verz. bek. Schmett.* p. 56. n. 534 (1816).

Satyrus Europa, *Godart*, *Enc. Méth.* ix. p. 478. n. 6 (1819).

Debis Europa, *Westwood in Gen. Diurn. Lepid.* p. 359. n. 1 (1851).

Papilio Beroë, *Cramer*, *Pap. Exot.* i. pl. 79. figs. C, D (1779).

Papilio Arete, *Cramer*, *Pap. Exot.* iv. pl. 313. figs. E, F (1782).

Sylhet, Penang, Punjaub, Hong-Kong, Java. ♂ ♀, B.M.

3. *Lethe Drypetis*.

Debis Drypetis, *Hewitson*, *Exot. Butterf.* iii. p. 76, pl. 38. figs. 11, 12 (1863).

Var. ? China, Northern India, Himalayas, Landoor.

♂ ♀, B.M.

4. *Lethe arcuata*, sp. nov. Pl. II. fig. 3.

♂. Alæ costa anticarum multo magis convexa, margine externo magis concavo, fascia submedia obsoleta; ciliis posticarum fusciscentibus; aliter velut in *L. Europa*.

Anticæ subtus fascia subbasali latiore, discali abbreviata subtriangulari et costali; ocellis majoribus; aliter velut in *Europa*: posticæ ocellis magis elongatis; apicali tantum unipupillato; fascia media medio latiore; aliter velut in *Europa*.

Exp. alar. unc. 2 $\frac{1}{2}$.

Celebes.

B.M.

5. *Lethe Darena*.

Debis Darena, *Felder, Reise der Fregatte Novara*, iii. p. 498. n. 862, tab. 68. figs. 4, 5 (1867).

Java (Felder).

Closely allied to *Drypetis*, Hewits. (♀).

6. *Lethe Dyrta*.

Debis Dyrta, *Felder, Reise der Fregatte Novara*, iii. p. 497. n. 860 (1867).

Bengal (Felder).

“Is the size of *D. Rohria* (Fabr.). The margin of the wings is more regularly scalloped between the nervures than in the allied *D. Drypetis* (Hew.), and the outer margin of the front wings not concave.”

7. *Lethe embolima*.

Debis embolima, *Butler, Ent. Month. Mag.* iii. p. 77. n. 3 (1866).

Ceylon.

♂, B.M.

This species is remarkable from the fact of its having no central pale band or subapical spots on the upperside of the front wings, which makes it appear to belong to the ♂ *Samio* group. It is evidently closely allied to *Drypetis*.

8. *Lethe Neelgherriensis*.

♂. *Satyrus* (Cyllo) *Neelgherriensis* and *Neelgherriensis*, *Guérin in Delessert's Voyage dans l'Inde*, pt. 2. p. 74, pl. 21. figs. 1, 1a (1843).

Debis *Neelgherriensis*, *Westwood in Gen. Diurn. Lepid.* p. 533. n. 360 (1852).

♀. *Debis Neelgherriensis* (sic), *Hewitson, Exot. Butterf.* iii. p. 75, pl. 38. fig. 6 (1863).

♂ ♀. *Debis Neelgherriensis* (sic), *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* i. p. 217. n. 447 (1857).

(♂) Ceylon, (♀) East Indies.

B.M.

9. *Lethe Daretis*.

♀. *Debis Daretis*, *Hewitson, Exot. Butterf.* iii. p. 75, pl. 38. figs. 7, 8 (1863).

Ceylon.

♀, B.M.

10. *Lethe Dynsate*.

♀. *Debis Dynsate*, *Hewitson, Exot. Butterf.* iii. p. 76, pl. 38. figs. 9, 10 (1863).

Ceylon.

♀, B.M.

11. *Lethe Rohria*.

Papilio Rohria, *Fabricius, Mant. Ins.* ii. p. 45 (1788).

Satyrus Rohria, *Godart, Enc. Méth.* ix. p. 479 (1819).

Debis Rohria, *Westwood in Gen. Diurn. Lepid.* p. 360. n. 4 (1851); also of *Moore* (1857).

Satyrus Isana, *Kollar in Hügel's Kaschmir*, iv. pt. 2. p. 448, tab. 16. figs. 3, 4 (1844).

Debis Isana, *Westwood in Gen. Diurn. Lepid.* p. 360. n. 3 (1851).

Northern India, Nepaul, Sylhet, Java.

♂ ♀, B.M.

The species *P. Penthera* of Fabricius (queried by Westwood as a form of *Debis*) seems to me to be identical with (*Elymnias*) *Dusara* of Horsfield.

12. *Lethe Nicetas*.

Debis Nicetas, *Hewitson, Exot. Butterf.* iii. p. 78, pl. 39. figs. 17, 18 (1863).

East India.

Coll. Hewitson.

13. *Lethe Verma*.

Satyrus Verma, *Kollar in Hügel's Kaschmir*, iv. pt. 2. p. 447, tab. 16. figs. 1, 2 (1844).

Debis Verma, *Westwood in Gen. Diurn. Lepid.* p. 360. n. 5 (1851); also of *Moore* (1857).

Northern India, Nepaul, Sylhet.

B.M.

14. *Lethe Sidonis*.

Debis Sidonis, *Hewitson, Exot. Butterf.* iii. p. 77, pl. 39. fig. 16 (1863).

Sylhet.

B.M.

15. *Lethe Visrava*.

Debis Visrava, *F. Moore, Proc. Zool. Soc. London*, p. 768, pl. 41. fig. 4 (1865).

North-eastern Bengal (Moore).

16. *Lethe Hyrania*.

Satyrus Hyrania, *Kollar in Hügel's Kaschmir*, iv. pt. 2. p. 449. n. 7, tab. 17. figs. 1, 2 (1844).

Debis Hyrania, *Westwood in Gen. Diurn. Lepid.* p. 360. n. 6 (1851).

Himalaya, Simla (Kollar).

17. **Lethe Whitelyi.**

Lethe Whitelyi, *Butler, Ann. & Mag. Nat. Hist.* xx. p. 403,
pl. 9. fig. 8 (1867).

Nagasaki, North Japan.

B.M.

18. **Lethe Diana.**

Debis Diana, *Butler, Proc. Linn. Soc.* ix. p. 55. n. 20 (1866) ;
Ann. & Mag. Nat. Hist. 3rd ser. xix. pl. 2. figs. 2, 2a (1867).

Hakodadi, North Japan.

B.M.

19. **Lethe Dinarbas.**

♂. Debis Dinarbas, *Hewitson, Exot. Butterf.* iii. p. 77, pl. 39.
fig. 15 (1863).

Northern India.

B.M.

20. **Lethe scanda.**

♂. Debis scanda, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.*
p. 218. n. 451 (1857).

♀. ? D. Nada, *F. Moore, ibid.* n. 452 (1857).

Darjeeling (Moore), Northern India. Coll. Ind. Mus. and ♂, B.M.

21. **Lethe Bhairava.**

♀. Debis Bhairava, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.*
p. 217. n. 450 (1857).

Northern India.

Coll. Ind. Mus. and ♀, B.M.

22. **Lethe Anysis.**

♂. Debis Anysis, *Hewitson, Exot. Butterf.* iii. p. 73, pl. 37.
fig. 1 (1862).

East India (Hewitson).

Except in the form of the hind wings, this species seems identical with *Bhairava*. May it not be the male of that insect?

23. **Lethe Latiaris.**

♀. Debis Latiaris, *Hewitson, Exot. Butterf.* iii. p. 74, pl. 37.
fig. 4 (1863).

Sylhet.

♂, B.M.

The male of this species differs, in several particulars, from the female. The hind wings are less angulated; the hind wings have a discal hairy streak above, and the central bands below are placed slightly nearer together.

24. *Lethe Arcadia*.

♀. *Papilio Arcadia*, *Cramer, Pap. Exot.* ii. pl. 116. figs. D, E (1779).

Temenis Arcadia, *Hübner, Verz. bek. Schmett.* p. 34. n. 279 (1816).

Debis Arcadia, *Westwood in Gen. Diurn. Lepid.* p. 359. n. 2 (1851); also of *Moore* (1857).

♀. *Papilio Minerva*, *Fabricius, Ent. Syst.* iii. pt. 1. p. 95. n. 295 (1793).

Satyrus Minerva, *Godart, Enc. Méth.* ix. p. 499. n. 78 (1819).

Satyrus ? Minerva, *Westwood in Gen. Diurn. Lepid.* p. 392. n. 53 (1851).

♂. *Satyrus Caumas*, *Godart, Enc. Méth.* ix. p. 479. n. 7 (1819).

Java.

♂, Horsf. Coll.

The male of this species has a discal patch of hair on the upper-side of all the wings.

25. *Lethe Sicelis*.

Debis Sicelis, *Hewitson, Exot. Butterf.* iii. p. 73, pl. 37. fig. 3 (1862).

Japan.

B.M.

26. *Lethe Syrcis*.

Debis Syrcis, *Hewitson, Exot. Butterf.* iii. p. 77, pl. 39. figs. 13, 14 (1863).

North China.

B.M.

27. *Lethe Samio*.

♂. *Debis Samio*, *Hewitson & Westwood in Gen. Diurn. Lepid.* p. 360. n. 8, pl. 61. fig. 3 (1851).

East India.

♂, B.M.

28. *Lethe Purana*.

♀. *Debis Purana*, *Felder, Wien. ent. Monatschr.* iii. p. 401 (1859).

Hab. — ?

Is not this the female of *L. Samio*?

29. *Lethe Sinorix*.

Debis Sinorix, *Hewitson, Exot. Butterf.* iii. p. 78, pl. 39. figs. 19, 20 (1863).

East India.

Coll. Hewitson.

30. *Lethe Vindhya*.

Debis Vindhya, *Felder, Wien. ent. Monatschr.* iii. p. 401 (1859).

Assam (Felder).

31. *Lethe Manthara*.

Debis Manthara, *Felder, Reise der Fregatte Novara*, iii. p. 497. n. 861 (1867); *Butler, Ann. & Mag. Nat. Hist.* xx. p. 403, pl. 9. fig. 9 (1867).

Java.

B.M.

“Without doubt a local form of *Mekara* (Moore). The wings of the male are narrower, the front wings in the costal margin, the hind wings in the inner margin, longer than in *Mekara*.” It also differs in the paler colouring of the upperside (which in the hind wings shows five instead of four black discal spots), in the straighter discal line below, the more slender and better-defined marginal lines, and the distinct whitish ocelli.

32. *Lethe Mekara*.

♂. Debis Mekara, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* i. p. 219. n. 454 (1857).

Darjeeling (Moore), Northern India. Coll. Ind. Mus. & ♂ ♀, B.M.

33. *Lethe Kansa*.

♂ ♀. Debis Kansa, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* i. p. 220. n. 456 (1857).

Darjeeling (Moore).

Coll. Ind. Mus.

34. *Lethe Negrito*.

♂ ♀. Debis Negrito, *Felder, Wien. ent. Monatschr.* v. n. 97 (1861).

♂. Debis Isabella, *Butler, Proc. Zool. Soc. London*, p. 41. n. 4, pl. 3. fig. 4 (1866).

Luzon, Burias, Loeban (Felder), Philippines.

♂, B.M.

35. *Lethe Chandica*.

♂ ♀. Debis Chandica, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* i. p. 219. n. 455 (1857).

East Indies.

Coll. Ind. Mus. and ♂, B.M.

Genus 41. PARARGE, *Hübner* (1816).Typical Species *Pararge Ægeria* (*Egeria*).1. *Pararge Ægeria*.

Papilio Ægeria, *Linnaeus*, *Syst. Nat.* ii. p. 771. n. 143 (1766); also of *Fabricius* (1793), *Lewin* (1795), *Hübner* (1805), *Ochsenheimer* (1807).

♀. *Papilio* (Nymph. Gemm.) *Ægeria*, *Esper*, *Europ. Schmett.* i. tab. 7. fig. 1 (1777).

Satyrus Ægeria, *Godart*, *Enc. Méth.* ix. p. 504. n. 89 (1819). Var., *Vollenhoven*, *Tijdschr. v. Ent.* viii. pl. 2 (1865).

Hipparchia Ægeria, *Stephens*, *Ill. Haust.* i. p. 54 (1828-35); also of *Eversmann* (1844).

Lasiommata Ægeria, *Westwood & Humphreys*, *Brit. Butterf.* p. 65, pl. 17. figs. 7-10 (1840); also of *E. Doubleday* (1844), *Westwood & Hewitson* (1851), *Butler* (1867).

Pararge Egeria (*sic*), *Hübner*, *Verz. bek. Schmett.* p. 59. n. 568 (1816).

♂. *Satyrus Xiphia*, *Duponchel*, *Lép. de France*, i. pl. 46. figs. 5, 6 (1832).

England, Germany.

♂ ♀, B.M.

Var. TIRCIS.

♀. *Satyrus Tircis*, *Godart*, *Lép. de France*, i. p. 163, pl. 8a. fig. 1 (1821).

Lasiommata Tircis, *Butler*, *Ann. & Mag. Nat. Hist.* xix. p. 162. n. 2 (1867).

France.

Var. MEONE.

Papilio (Nymph. Gemm.) *Meone*, *Esper*, *Europ. Schmett.* i. tab. 95. cont. 50. fig. 1 (1777).

Papilio Meone, *Cramer*, *Pap. Exot.* iv. pl. 314. figs. E, F (1782); also of *Hübner* (1805), *Ochsenheimer* (1807).

Hipparchia Meone, *Wagner*, *Reisen in der Regentsch. Algier*, *Atlas*, tab. 9 (1841).

Lasiommata Meone, *Butler*, *Ann. & Mag. Nat. Hist.* xix. p. 162. n. 3 (1867).

Satyrus Xiphia ♂, *Herrich-Schäffer*, *Eur. Schmett.* i. figs. 84, 85 (1843-45).

Lasiommata Ægeria, var., *E. Doubleday*, *List Lep. Brit. Mus.* i. p. 135 (1844); also of *Westwood* (1851).

(♂ ♀) Germany, (var. ♀) Italy.

B.M.

2. *Pararge Xiphia*.

Papilio Xiphia, *Fabricius*, *Syst. Ent.* p. 492. n. 215 (1775);
Ent. Syst. iii. pt. 1. p. 95. n. 294 (1793).

Satyrus Xiphia, *Godart*, *Enc. Méth.* ix. p. 509. n. 96 (1819);
 also of *Herrich-Schäffer* (1843-45).

Lasiommata Xiphia, *E. Doubleday*, *List Lep. Brit. Mus.* i. p. 135
 (1844); also of *Westwood* (1851) and *Butler* (1867).

Pararge Xyphia (*sic*), *Hübner*, *Verz. bek. Schmett.* p. 59. n. 569
 (1816).

(♂ ♀) *Madeira*, (♀) *Teneriffe*.

B.M.

3. *Pararge Roxelana*.

Papilio Roxelana, *Cramer*, *Pap. Exot.* ii. pl. 161. figs. C, D ♂,
 E, F ♀ (1779); also of *Fabricius* (1793), *Hübner* (1805),
Ochsenheimer (1807).

Dira Roxelana, *Hübner*, *Verz. bek. Schmett.* p. 60. n. 570
 (1816).

Satyrus Roxelana, *Godart*, *Enc. Méth.* ix. p. 504. n. 88 (1819);
Lép. de France, i. pl. 30. figs. 1-4 (1832).

Papilio (*Hipparchia*) *Roxelana*, *Freyer*, *Neuere Beiträge*, i. p. 1,
 tab. 25. figs. 1, 2 (1833).

Lasiommata Roxelana, *E. Doubleday*, *List Lep. Brit. Mus.* i.
 p. 136 (1844); also of *Westwood* (1851) and *Butler* (1867).

(♂ ♀) *Smyrna*, (♂ ♀) *Crete*, (♂) *Athens*, (♂) *Syria*. B.M.

4. *Pararge Climene*.

Papilio (*Nymph. Gemm.*) *Climene*, *Esper*, *Schmett.* i. pt. 2. p. 165,
 tab. 85. cont. 35. figs. 1-3 (1777).

Papilio Climene, *Hübner*, *Samml. europ. Schmett.* i. figs. 165,
 166 (♀ var.) (1805); also of *Ochsenheimer* (1807).

Satyrus Climene, *Godart*, *Enc. Méth.* ix. p. 541. n. 165 (1819);
 also of *Duponchel* and *Boisduval* (1832).

Hipparchia Climene, *Eversmann*, *Fauna Lepidopt. Volgo-Ural.*
 p. 28. n. 13 (1844).

Lasiommata Climene, *Butler*, *Entomologist* (1867).

Papilio Clymene (*sic*), *Fabricius*, *Ent. Syst.* iii. pt. 1. p. 242. n. 753
 (1793) [*nec Erymanthia*].

Satyrus Clymene, *Herrich-Schäffer*, *Eur. Schmett.* i. figs. 102,
 103, 472, 473 (1843-45).

Lasiommata Clymene, *Westwood in Gen. Diurn. Lepid.* p. 386.
 n. 1 (1851).

Lasiommata Clymenus, *E. Doubleday*, *List Lep. Brit. Mus.* i.
 p. 136 (1844).

Epinephele Synclimene, *Hübner*, *Verz. bek. Schmett.* p. 59. n. 567
 (1816).

Russia.

♂ ♀, B.M.

Pararga Clymene, var. *Caucasica* Roxandra, Nordmann, *Bull. Soc. Imp. Nat. Mosc.* p. 400, tab. 10. figs. 1-4 (1851).

Russia.

♂, B.M.

P. Erymanthia does not belong to this genus. It is probably a species of *Epinephele*.

5. *Pararge Epimenides*.

Lasiommata Epimenides, *Ménétriés in Schrenck's Amur-Lande*, p. 39. n. 75, tab. 3. figs. 8, 9 (1859).

Amoor Land.

6. *Pararge Schrenckii*.

Pronophila Schrenckii, *Ménétriés, Bull. Acad. St. Pétersb.* xvii. p. 215. n. 13 (1859); *Reise und Forsch. Amur-Lande*, p. 33. n. 65; and *P. Schrenckii* (sic), tab. 3. fig. 3 (1859).

Nemophila Schrenckii, *Bremer, Bull. Acad. Imp. Sci. St. Pétersb.* p. 469. n. 12 (part.) (1861).

Bureya Mountains.

Allied to *Epimenides*.

7. *Pararge Maackii*.

Lasiommata Maackii, *Bremer, Lep. Ost-Sibir. u. Amur. in Bull. Acad. Imp. Sci. St. Pétersb.* p. 468. n. 12 (1861).

Ussuri.

Closely allied to the preceding, but much smaller, the front wing more produced, and with three ocelli below; the hind-wing ocelli nearer the margin, and surrounded by grey irides.

8. *Pararge Ménétriésii*.

Satyrus Ménétriésii, *Bremer & Grey, Fauna des nordl. China's*, p. 8. n. 25 (1853); *Ménétriés, Enum. Corp. Anim. Lepid.* pt. 1. p. 47. n. 781, Taf. 6. fig. 4 (1855).

North China.

9. *Pararge Achine*.

Papilio Achine, *Scopoli, Ent. Carn.* p. 150. n. 433. fig. 433 (1763).

Papilio Dejanira, *Linnaeus, Syst. Nat.* ii. p. 774. n. 154 (1766); also of *Fabricius* (1793), *Hübner*, figs. 170, 171 (1805), *Ochsenheimer* (1807).

Papilio (Nymph. Gemm.) *Dejanira*, *Esper, Schmett.* i. p. 125, tab. 9. fig. 2 (1777).

Enodia Dejanira, *Hübner, Verz. bek. Schmett.* p. 61. n. 588 (1816).

- Satyrus Dejanira, *Godart, Enc. Méth.* ix. p. 509. n. 96 (1819);
Lép. de France, i. pl. 8. fig. 1 (1821).
 Hipparchia Dejanira, *Eversmann, Fauna Lepidopt. Volgo-Ural.*
 p. 30. n. 17 (1844).
 Papilio (Hipparchia) Dejanira, *Freyer, Neuere Beiträge*, tab. 391
 (1845).
 Lasiommata Dejanira, *Westwood in Gen. Diurn. Lepid.* p. 386.
 n. 10 (1851); also of *Butler* (1867).
 (♂ ♀) Polish Ukraine, (♂) Germany, (♂) South Europe. B.M.

10. Pararge Deidamia.

- Hipparchia (Pararga) Deidamia, *Eversmann, Bull. Soc. Imp. Nat. Mosc.* p. 617. n. 6 (1851).
 Lasiommata Deidamia, *Westwood in Gen. Diurn. Lepid. Suppl.*
 p. 533. n. 386 (2) (1852).
 Irkoutzk, Eastern Siberia (Eversmann).

It is doubtful whether this is more than a local form of *Achine*.

11. Pararge Canthus.

- Papilio Canthus, *Linnaeus, Syst. Nat.* (1748) 12th ed. p. 768.
 n. 129 (1766); also of *Fabricius* (1793).
 Satyrus Canthus and Cantheus, *Godart, Enc. Méth.* ix. p. 493.
 n. 35, 36 (1819); *Boisduval & Leconte, Icon. Lép. Am. Sept.*
 pl. 60 (1833).
 Neonympha Canthus, *Westwood in Gen. Diurn. Lepid.* p. 375.
 n. 13 (1851).
 Papilio Eurydice, *Linnaeus, Amœn. Acad.* tom. vi. p. 406. n. 65
 (1763).
 Canada. B.M.

Genus 42. AMECERA, *Butler* (1867).

Typical Species *Amecera Megæra*.

1. *Amecera Megæra*.

- Papilio Megæra, *Linnaeus, Syst. Nat.* ii. p. 771. n. 142 (1766);
 also of *Fabricius* (1793), *Lewin* (1795), *Hübner* (1805),
 and *Ochsenheimer* (1807).
 P. Nymphalis Megæra, *Esper, Schmett.* i. p. 101, tab. 6. fig. 3
 (1777).
 Dira Megæra, *Hübner, Verz. bek. Schmett.* p. 60. n. 571 (1816).
 Satyrus Megæra, *Godart, Enc. Méth.* ix. p. 503. n. 87 (1819).
 Hipparchia Megæra, *Stephens, Ill. Haust.* i. p. 55 (1828).
 Lasiommata Megæra, *Westwood & Humphrey's Brit. Butterf.*
 p. 66, pl. 18. figs. 1-5 (1840); also of *E. Doubleday* (1844)
 and *Westwood & Hewitson* (1851).

Pararge Megæra, *Ström, Naturhist. Tijdsck.* (1866).

Amecera Megæra, *Butler, Ann. & Mag. Nat. Hist.* xix. p. 163.
n. 1 (1867).

Papilio Mæra, *Borkhausen, Schmett.* i. p. 125 (1788).

England, Southern Europe.

B.M.

Var. LYSSA.

Papilio Lyssa, *Hübner, Eur. Schmett.* i. figs. 114–117 (1805);
also of *Boisduval* (1832).

♀. Satyrus Lyssa, *Boisduval, Icon. Hist. Léop.* p. 222, pl. 44.
figs. 4, 5 (1832).

Satyrus Megæra ♀, *Godart, Léop. de France*, i. pl. 7 secund.
fig. 3 (1821). P. Megæra, var., *Esper, Eur. Schmett.* tab. 6.
fig. 3 (1777).

Dalmatia.

B.M.

2. Amecera Adrasta.

Papilio Adrasta, *Hübner, Eur. Schmett.* i. figs. 836–839 (1805).

Papilio (Nymph. Gemm.) Megæra, var., *Esper, Schmett. Eur.* i.
pt. 2. tab. 68. cont. 18. fig. 2 (1777).

(♂ ♀) Germany, (♀) Naples.

B.M.

This has been mistaken for a variety of *Mæra*; but it seems very evident that it is either a distinct species or a variety of *Megæra*. The male figured by Hübner is much darker than usual, and might almost be taken for the common Swiss type of *Mæra*; but a careful examination of the markings on the underside at once points out its distinctness. We have one pair of the insect agreeing with Hübner's figures in the coloration and pattern of the underside; but the upperside of our male specimen has more orange colouring in the front wings. Our female from Naples differs slightly from the German one, the band of the front wings being placed rather nearer to the outer margin.

Var. Differt ocello apicali unipupillato, fascia magis undata,
posticis subtus brunnescens, ocellos tres supra habentibus.

Persia.

B.M.

This variety, at first sight, can scarcely be distinguished from *Megæra*.

3. Amecera Paramegæra.

Papilio Paramegæra, *Hübner, Eur. Pap.* i. pl. 170. figs. 842–844 (1805).

Papilio Tigelius, *Bonelli in Mem. Accad. Torino*, xxx. t. 1. fig. 2 (1826).

Satyrus Tigelius, *Boisduval, Icon. Hist. Lépid.* p. 224. n. 13, pl. 45. figs. 1-3 (1832); also of *Duponchel*.

Papilio (Hipparchia) Tigelius, *Freyer, Neuere Beiträge*, i. t. 68. fig. 1 (1833).

Lasiommata Tigelius, *Westwood in Gen. Diurn. Lepid.* p. 386. n. 7 (1851).

Amecera Tigelius, *Butler in Ann. & Mag. Nat. Hist.* xix. p. 163. n. 3 (1867).

Sardinia, Corsica.

♂ ♀, B.M.

4. Amecera Xiphia.

Satyrus Xiphia, *Boisduval, Icon. Hist. Lépid.* p. 223. n. 12, pl. 44. figs. 6, 7 (1832); but not the *Xiphia* of *Fabricius*.

Portugal, Spain, Teneriffe, Madeira (*Boisduval*).

This insect has nothing to do with the *Xiphia* of *Fabricius*. *M. Boisduval* suggests the possibility of its being a variety of *Meone*, which it neither resembles in structure, pattern, nor coloration. He says:—"Il a de très-grands rapports avec la variété *Meone* de l'*Ægeria*, et il serait bien possible qu'il ne fût lui-même qu'une variété plus prononcée."

5. Amecera Mæra.

Papilio Mæra, *Linnaeus, Syst. Nat.* ii. p. 771. n. 141 (1766); also of *Fabricius* (1793).

Maniola Mæra, *Schrank, Fauna Boica*, Band ii. p. 172. n. 388 (1801).

Satyrus Mæra, *Godart, Enc. Méth.* ix. p. 501. n. 86 (1819).

Lasiommata Mæra, *Westwood in Gen. Diurn. Lepid.* p. 386. n. 3 (1851).

Amecera Mæra, *Butler, Ann. & Mag. Nat. Hist.* xix. p. 163. n. 4 (1867).

Italy, France.

♂ ♀, B.M.

♀. Var. *a*. Supra multo magis flavescente, ocello apicali ovali bipupillato: subtus lineis omnibus multo distinctioribus, lineis marginalibus distincte sinuatis. *Esper, Schmett.* ii. tab. 68. cont. 18. fig. 1 (1777).

South Europe.

♀, B.M.

♂. var. *b*. Papilio (Nymph. Gemm.) Mæra, *Esper, Eur. Schmett.* i. tab. 6. fig. 2 (1777).

France.

♂ ♀, B.M.

Sp. ?? ♂. Papilio Mæra, *Hübner, Eur. Schmett.* i. pl. 39. figs. 174, 175 (1805).

♀. Papilio (Nymph. Gemm.) Mæra, *Esper, Eur. Schmett.* i. pt. 2. tab. 68, cont. 18. figs. 3 (1777).

(♂ ♀) Italy. (♀) Switzerland.

B.M.

It is uncertain whether this is distinct from *Mæra* or no; it seems to be common all over Switzerland; and though a good many specimens have been taken, it does not seem to vary. It is, however, very like the true *Mæra*, from which it differs in its more robust form, darker colouring both above and below; in the form of the front-wing ocelli, in having only two distinct ocelli on the upperside of the hind wing, and in the less irregular central lines on the underside of the hind wings.

6. *Amecera Mærula*.

Lasiommata Mærula, *Felder, Reise der Fregatte Novara*, iii. p. 496. n. 858 (1867).

Eastern Himalayas (Felder).

Intermediate between *Mæra* and *Schakra*.

7. *Amecera Menava*.

♂ ♀. *Lasiommata Menava*, *F. Moore, Proc. Zool. Soc.* p. 499. n. 83, pl. 30. fig. 3 (1865).

Amecera Menava, *Butler, Ann. & Mag. Nat. Hist.* xix. p. 163. n. 8 (1867).

♂. *Lasiommata mæroides*, *Felder, Reise der Fregatte Novara*, iii. tab. 69. fig. 1 (1867).

(♂ ♀) Middle Kunawur (Moore), (♂) Germany. B.M.

8. *Amecera Schakra*.

Satyrus Schakra, *Kollar in Hügel's Kaschmir*, p. 446, tab. 15. figs. 3, 4 (1848).

Lasiommata Schakra, *Westwood in Gen. Diurn. Lepid.* p. 387. n. 12 (1851).

Amecera Shakra (*sic*), *Butler, Ann. & Mag. Nat. Hist.* xix. p. 163. n. 7 (1867).

Himalayas. ♂, B.M.

9. *Amecera Maderakal*.

Satyrus Maderakal, *Guérin-Méneville, Voy. en Abyssin.* vi. p. 381, pl. 10. figs. 1-3 (1849); also of *Westwood* (1852).

Abyssinia. ♂, B.M.

This is a very distinct species; the hind wings are of a peculiar kite-like shape, and the front wings have the apex very acute.

10. *Amecera Hiera*.

♀. *Papilio Hiera*, *Hübner, Europ. Schmett.* i. pl. 39. fig. 176 (1805).

Satyrus Hiera, *Boisduval, Icones Hist. Léop.* p. 220. n. 10, pl. 44. figs. 1-3 (1832).

Lasiommata Hiera, *Westwood in Gen. Diurn. Lepid.* p. 386. n. 4. (1851).

Amecera Hiera, *Butler, Ann. & Mag. Nat. Hist.* xix. p. 163. n. 6 (1867).

Helvetia. ♂ ♀, B.M.

Var. Alis magis abruptis, fasciis subtus distinctioribus.

South Europe. ♂ ♀, B.M.

11. *Amecera Eversmanni*.

Hipparchia Eversmanni, *Eversmann in Bull. Soc. Imp. Nat. Mosc.* pl. 2. figs. 3-6 (1847).

Lasiommata Eversmanni, *Westwood in Gen. Diurn. Lepid.* p. 386. n. 11 (1851).

Amecera Eversmanni, *Butler, Ann. & Mag. Nat. Hist.* xix. p. 163. n. 5 (1867).

Dauria ?

12. *Amecera Baldiva*.

Lasiommata Baldiva, *F. Moore, Proc. Zool. Soc.* p. 499. n. 84, pl. 30. fig. 4 (1865).

Amecera Baldiva, *Butler, Ann. & Mag. Nat. Hist.* xix. p. 163. n. 9 (1867).

Genus 43. IDIOMORPHUS, *Doumet* (1861).

Typical Species *Idiomorphus Hewitsonii*.

1. *Idiomorphus Hewitsonii*.

Idiomorphus Hewitsonii, *Doumet, Rev. et Mag. de Zool.* p. 174, pl. 5. figs. 2, 2 a, 2 b (1861).

Hab. — ?

2. *Idiomorphus Iccius*.

Idiomorphus Iccius, *Hewitson, Exot. Butterf.* iii. p. 96, pl. 48. figs. 4, 5 (1865).

Old Calabar.

Coll. Hewitson.

This species somewhat resembles the preceding in colour; it, however, has no violet marginal band in the hind wings, and differs in form and other particulars. *I. Hewitsonii* is similar in outline to *Clerome Busiris* of Westwood from Sumatra, &c.

3. *Idiomorphus Italus*.

Idiomorphus Italus, *Hewitson, Exot. Butterf.* iii. p. 95, pl. 48. figs. 1-3 (1865).

Old Calabar.

Coll. Hewitson.

Genus 44. BLETOGONA, *Felder* (1867).Typical Species *Bletogona Mycalesis*.1. *Bletogona Mycalesis*.*Bletogona Mycalesis*, *Felder, Reise der Fregatte Novara*, iii. tab. 68. figs. 6, 7 (1867).Celebes ? (*Felder*).Genus 45. MYCALESIS, *Hübner* (1816).Typical Species *Mycalesis Evadne*.1. *Mycalesis Evadne*.*Papilio Evadne*, *Cramer, Pap. Exot.* iii. pl. 222. figs. E, F (1782).*Mycalesis Evadne*, *Hübner, Verz. bek. Schmett.* p. 55. n. 521 (1816).*Satyrus Servatius*, *Godart, Enc. Méth.* ix. p. 525. n. 130 (1819).Sierra Leone, Africa (*Cramer*).

Closely allied to *Eusirus* of *Hopffer*, from which it chiefly differs in having a purplish gloss and no ocelli on the upperside, and a more distinct subbasal transverse streak on the underside.

2. *Mycalesis funebris*.*Satyrus funebris*, *Guérin, Icon. Règne Anm.* p. 488 (1844).*Mycalesis funebris*, *Westwood in Gen. Diurn. Lepid.* p. 394. n. 6 (1851).

Cazamanka, Senegal.

According to M. Guérin-Ménéville this species is allied to (*Servatius*) *Evadne*: it has ocelli near the margin of the hind wings on the upperside.

3. *Mycalesis Safitza*.*Mycalesis Safitza*, *Hewitson, Gen. Diurn. Lepid.* p. 394. n. 10, pl. 66. fig. 3 (1851); *Exot. Butterf.* iii. p. 80. pl. 40. fig. 4 (1862).

Africa, Congo, Port Natal.

B.M.

This insect seems to be very closely allied to *Eusirus*.

4. *Mycalesis Eusirus*.*Mycalesis Eusirus*, *Hopffer in Peters's Reise n. Mossamb. Ins.* p. 393, pl. 25. figs. 3, 4 (1855).*Mycalesis Evenus*, var., *Trimen in Rhop. Afric. Austral.* p. 207. n. 120 & p. 208 (obs.) (1866).

Congo.

B.M.

Mr. Trimen, having received a single specimen of the variety *injusta*, has considered himself fully justified in sinking the species *Eusirus*, which he places as a synonym of the more recent *Evenus*; *injusta* does not, however, link these species, nor do any connecting forms appear to exist.

5. *Mycalesis Milyas*.

Mycalesis Milyas, *Hewitson, Exot. Butterf.* iii. p. 89, pl. 45. fig. 34 (1864).

White Nile.

B.M.

Possibly a local form of the preceding species.

6. *Mycalesis nebulosa*.

Mycalesis nebulosa, *Felder, Reise der Fregatte Novara*, iii. p. 502. n. 871 (1867).

Guinea (Felder).

"The wings are as broad as in *M. Saitza*, Hew.; but the costa is shorter, and the hind wing more produced at the anal angle." Described from a specimen larger than *M. Evenus*, Hopffer.

7. *Mycalesis Evenus*.

Mycalesis Evenus, *Hopffer, Peters's Reise n. Mossamb. Ins.* p. 394, pl. 25. figs. 5, 6 (1855).

Var. ♂. Mycalesis injusta, *Wallengren, Lep. Rhop. Caffr. in Kongl. Svensk. Vetensk. Akad. Handl.* 2nd ser. p. 33. n. 1 (1857).

(*Injusta*) Port Natal, Cape of Good Hope.

B.M.

8. *Mycalesis Caffra*.

♂. *Mycalesis Caffra*, *Wallengren, Lep. Rhop. Caffr. in Kongl. Svensk. Vetensk. Akad. Handl.* 2nd ser. p. 34. n. 2 (1857).

♀. *Mycalesis Gambius*, *E. Doubleday, List. Lep. Brit. Mus.* i. p. 139 (1844).

Alis supra ocellis anticarum distinctioribus; subtus posticis ocellis punctiformibus ocellaribus, area basali pallidiore.

(♂ ♀) Knysna, (♀) Zonlu.

♂ ♀, B.M.

9. *Mycalesis Aramis*.

Mycalesis Aramis, *Hewitson, Exot. Butterf.* iii. p. 91, pl. 46. figs. 46, 47 (1866).

Philippine Islands.

Coll. Hewitson.

Seems to be allied to the South African *M. Caffra*.

10. *Mycalesis Rhacotis*.

Mycalesis Rhacotis, *Hewitson, Exot. Butterf.* iii. p. 93, pl. 47.
fig. 50 (1866).

Old Calabar.

Coll. Hewitson.

Closely allied to *Evenus* (var. *injusta*): it is almost identical in pattern with *M. Blasius* of Fabricius (var. *Samba*).

11. *Mycalesis Sciathis*.

Mycalesis Sciathis, *Hewitson, Exot. Butterf.* iii. p. 94, pl. 47.
fig. 55 (1866).

Old Calabar.

12. *Mycalesis saga*, sp. nov. Pl. III. fig. 1.

Alæ supra piceo-fuscae, apice anticarum et marginibus externis pallidioribus, linea submarginali undata nigra interrupta.

Alæ subtus velut in *Caffra*, sed obscuriores et apice pallidiores: anticæ ocellis tribus punctiformibus subapicalibus oblique positis; unoque nigro parvo discali: posticæ ocellis septem, tertio, quarto et quinto fuscis, aliis nigris.

Exp. alar. unc. $2\frac{1}{8}$.

Sierra Leone.

B.M.

13. *Mycalesis vulgaris*, sp. nov. Pl. III. fig. 2.

Alæ supra velut in *Safitza* obscuriores, rarius macula subapicali diffusa ochracea.

Alæ subtus pallidiores, omnino liturate, fascia lata media irregulari obscuriore, utrinque fusco limitata; ocellis velut in *Caffra*, inferiore autem anticarum discali minore; linea marginali et margine ipso fusciscentibus; ciliis griseis.

Exp. alar. unc. $1\frac{5}{8}$ -2.

Sierra Leone.

B.M.

14. *Mycalesis angulosa*, sp. nov. Pl. III. fig. 8.

Alæ supra, velut in *Saga*, piceo-nigræ, margine externo paulum dilutius; sacculo parvo ad venæ anticarum submedianæ medium ochraceo; margine costali posticarum iridescente, maculam circumscriptam nigram post costæ medium ferente; cirris consuetis basalibus ochraceis.

Alæ subtus velut in specie præcedente scriptæ, sed magis violascentes, area basali obscuriore, apice subquadrate ochreo tincto, lineis omnibus magis nigrescentibus, externa posticarum media multo magis angulata; ocellis minoribus, partim cinereo roratis.

Exp. alar. unc. $1\frac{1}{8}$.

Sierra Leone.

Closely allied to the preceding species.

15. *Mycalesis auricruda*, sp. nov. Pl. III. fig. 6.

Alæ supra velut in *Sanao* picco-nigræ, fascia autem anticis subapicali bimaculari abbreviata ochrea; costa posticarum pallide olivacea.

Alæ subtus fuscæ, area basali medioque anticarum disci ochreis, fusco lituratis, lineis mediis sinuatis et dentatis, interna valde indistincta, externa ad costam anticarum introrsum arcuata, posticarum obliqua minime toto concava; lineis duabus marginalibus nigris: anticæ ocellis duobus velut in *Eveno*: posticæ duobus apicalibus tribusque analibus velut in *Eveno* positis; his omnibus distinctis et late violaceo cinctis.

Exp. alar. unc. $1\frac{7}{8}$.

Ashanti.

B.M.

16. *Mycalesis Sanaos*.

Mycalesis Sanaos, *Hewitson*, *Exot. Butterf.* iii. p. 94, pl. 47. figs. 53, 54 (1866).

Old Calabar (*Hewitson*), Ashanti.

Var. ?, B.M.

17. *Mycalesis Elionas*.

Mycalesis Elionas, *Hewitson*, *Exot. Butterf.* iii. p. 91, pl. 46. figs. 41, 42 (1866).

Old Calabar (*Hewitson*).

This insect is in Mr. *Hewitson*'s collection; it seems allied to the preceding species.

18. *Mycalesis Maianeas*.

Mycalesis Maianeas, *Hewitson*, *Exot. Butterf.* iii. p. 87, pl. 44. figs. 27, 28 (1864).

Malacca (*Hewitson*), Borneo.

B.M.

This, though an Indian insect, evidently belongs to the present group.

19. *Mycalesis Xeneas*.

♀. *Mycalesis Xeneas*, *Hewitson*, *Exot. Butterf.* iii. p. 92, pl. 46. fig. 48; ♂, p. 93, pl. 47. fig. 49 (1866).

Old Calabar.

Coll. *Hewitson*.

This species seems to be intermediate between the *Eusirus* and *Asochis* groups, the male being most like the former, whilst the female more nearly resembles the latter form.

20. *Mycalesis Asochis*.

Mycalesis Asochis, *Hewitson*, *Exot. Butterf.* iii. p. 92, pl. 46. figs. 46, 47 (1866).

Gaboon.

B.M.

In the Museum specimen of this species there are two nearly parallel central lines on the underside of the wings.

21. *Mycalesis Eliasius*.

Mycalesis Eliasius, *Hewitson, Exot. Butterf.* iii. p. 91, pl. 46. figs. 44, 45 (1866).

Congo.

B.M.

Allied to *Asochis*, which it seems to unite with the *Anapita* group.

22. *Mycalesis Dorothea*.

♀. *Papilio Dorothea*, *Cramer, Pap. Exot.* iii. pl. 204. figs. E, F (1782).

Neonympha Dorothea, *Hübner, Verz. bek. Schmett.* p. 65. n. 625 (1816).

♂. *Papilio Melusina*, *Fabricius, Ent. Syst.* iii. pt. 1. p. 240. n. 750 (1793).

Satyrus Melusina, *Godart, Enc. Méth.* ix. p. 496. n. 66 (1819).

Mycalesis? *Melusina*, *Westwood in Gen. Diurn. Lepid.* p. 394. n. 15 (1851).

Sierra Leone.

♂, B.M.

Var. RÆSACES.

♂ ♀. *Mycalesis Ræsaces*, *Hewitson, Exot. Butterf.* iii. p. 93, pl. 47. figs. 61, 62 (1866).

Old Calabar.

Coll. Hewitson.

Var. MIRIAM.

Papilio Miriam, *Fabricius, Ent. Syst.* iii. pt. 1. p. 242. n. 754 (1793).

Angola.

♂, B.M.

23. *Mycalesis Otreia*.

Papilio Otreia, *Cramer, Pap. Exot.* iv. pl. 314. figs. A, B (1782).

Mycalesis Otreia, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* p. 230. n. 486 (1857).

Mycalesis Polydecta, var.?, *Westwood in Gen. Diurn. Lepid.* p. 393. n. 1 (part.) (1851).

Java (Horsfield Coll.), (var.) Canara.

B.M.

Var. FRANCISCA.

Papilio Francisca, *Cramer, Pap. Exot.* iv. pl. 326. figs. E, F (1782). *Franciscus*, *Herbst* (1796).

Var. Satyrus Zopyrus, *Kollar in Hügel's Kaschmir*, p. 450. n. 8 (1842). *Zophyrus*, *Westwood* (1851).

China (Cramer), var. *Zopyrus*, North and East India.

B.M.

Var. VISALA.

Mycalesis Visala, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* i. p. 230. n. 488 (1857).

Sylhet.

Coll. Ind. Mus. and B.M.

Chiefly differs from the typical *Otrea* in the more sharply angulated form of the front wings.

Var. PERSEUS.

Papilio Perseus *, *Fabricius, Syst. Ent.* p. 488. n. 199 (1775); *Butler, P. Z. S.* p. 719. fig. 2 (1867).

Papilio Tabitha, *Fabricius, Ent. Syst.* iii. pt. 1. p. 243. n. 756 (1793).

North India.

B.M.

Var. CLERIMON.

Papilio Clerimon, *Fabricius, Ent. Syst.* iii. pt. 1. p. 217. n. 678 (1793).

Satyrus Clerimon, *Godart, Enc. Méth.* ix. p. 512. n. 105 (1819).

Lasiommata? *Clerimon*, *Westwood in Gen. Diurn. Lepid.* p. 387. n. 16 (1851).

Hab. — ?

This appears to be only another variety of *Otrea*.

24. *Mycalesis Igoleta*.

Mycalesis Igoleta, *Felder, Wien. ent. Monatschr.* v. (1861); also in *Lep. Diagn.* n. 103.

Luzon (Felder).

According to Felder, possibly the Philippine form of *Polydicta*; he should rather say, of *Otrea*; for *Polydicta* seems to be allied to *Malsara* of Moore.

25. *Mycalesis Cæsonia*.

Mycalesis Cæsonia, *Wallengren in Wien. entom. Monatschr.* iv. p. 36. n. 12 (1860).

Manilla (Wallengren).

Probably closely allied to *Igoleta*, from which, however, it seems to be sufficiently distinct. Wallengren remarks that it is scarcely larger than *Justina*.

26. *Mycalesis Drusia*.

Papilio Drusia, *Cramer, Pap. Exot.* i. pl. 84. figs. C, D (1779).

* The type of this insect is in the Banksian Collection. Its chief peculiarity consists in the small size of the front-wing ocellus on the upperside.

Papilio Mineus, var. ?, *Westwood in Gen. Diurn. Lepid.* p. 393.
n. 3 (syn.) (1851).

China (Cramer).

It seems improbable that this is a variety of *Mineus*, as the position of the central band and the ocelli of the underside are quite different. It is just possible that Cramer's figure is from a broken specimen, which might account for these differences; but there is still a distinctive character in the dark colour of the ocellus-irides and the different form of the marginal lines. Mr. Moore has considered some specimens of *Mineus* to represent *Drusia*.

27. *Mycalesis Malsarida*, sp. nov. Pl. III. fig. 14.

Alæ supra rufo-fuscae, area apicali anticarum minime dilutior; linea submarginali et margine externo obscurioribus undulatis, linea marginali et posticis intus altera ochraceis subdistinctis; costa posticarum ochracea, ad basin sericea.

Alæ subtus minime obscuriores, area basali fusco liturata; fascia media anticis abbreviata subintegra obliqua violaceo-plumbea; altera ocellos circumcingente tertiaeque submarginali violaceis; linea submarginali et margine ipso nigris, linea marginali fulva; his omnibus undulatis: anticae ocellis tribus subapicalibus parvis (medio paulum majore) oblique positus unoque permagno discali: posticae ocellis septem, secundo, tertio, sexto et septimo parvis, quinto maximo; his omnibus nigerrimis albo pupillatis et fulvo cinetis.

Exp. alar. unc. 2.

Sylhet.

B.M.

28. *Mycalesis Gotama*.

Mycalesis Gotama, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.*
p. 232, n. 493 (1857).

? *Mycalesis Borealis*, *Felder, Reise der Fregatte Novara*, iii. p. 500.
n. 867 (1867).

China, Shanghai.

Coll. Ind. Mus. and B.M.

This is a very distinct species. It is related to *Mineus* of Linnaeus.

29. *Mycalesis Heri*.

Mycalesis Heri, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.*
p. 223, n. 496 (1857).

Bootan.

Coll. Ind. Mus.

Seems to be allied to *Mineus*.

30. *Mycalesis Cepheus*.

Mycalesis Cepheus, *Butler, Ann. & Mag. Nat. Hist.* xx. p. 402,
pl. 9. figs. 3, 4 (1867).

Penang.

Coll. Roberts.

31. **Mycalesis Mineus.**

Papilio Mineus, *Linnaeus, Syst. Nat.* ii. p. 768. n. 126 (1766); also of *Fabricius*.

Satyrus Mineus, *Godart, Enc. Méth.* ix. p. 510. n. 97 (1819); also of *Boisduval*.

Mycalesis Mineus, *Westwood in Gen. Diurn. Lepid.* p. 393. n. 3 (1851)*.

China (Hongkong). ♂ ♀, B.M.

Var. Alæ anticæ subtus ocello subapicali geminato.

China. ♂ ♀, B.M.

Var. JUSTINA.

Papilio Justina, *Cramer, Pap. Exot.* iv. pl. 326. fig. C (1782).

Mycalesis Justina, *Hübner, Verz. bek. Schmett.* p. 55. n. 524 (1816).

Sylhet. ♂, B.M.

32. **Mycalesis Justinella**, sp. nov. Pl. III. fig. 12.

Alæ supra velut in *Justina* (Cramer); ocello autem iride magis distincta.

Alæ subtus fascia discali latiore alba; ocello discali inferiore anticarum geminato: posticæ area interna late albido rorata; linea interna media posticis distincta, ocellisque albido nec ochreo circumcinctis.

Exp. alar. unc. $1\frac{5}{8}$.

Philippine Islands. B.M.

Possibly the Philippine representative of *Mineus*. It is most like the form *Justina* as regards the position of the bands and ocelli on the underside. Our specimen is rather smaller than *M. Gotama*.

33. **Mycalesis Polydecta.**

Papilio Polydecta, *Cramer, Pap. Exot.* ii. pl. 144. figs. E, F (1779).

Satyrus Polydecta, *Godart, Enc. Méth.* ix. p. 511. n. 101 (1819).

Mycalesis Polydecta, *Westwood in Gen. Diurn. Lepid.* p. 393. n. 1 (1851); *Butler, Ann. & Mag. Nat. Hist.* xx. p. 402, pl. 9. figs. 5, 6 (1867).

Tranquebar (Cramer), Borneo (Butler), (var.) Sumatra, Celebes. B.M.

Cramer states that his specimen of this species was from Tranquebar. The Bornean specimens essentially agree with Cramer's figure; but there can be little doubt that his locality is correct.

* *M. Blasius* is a distinct species closely allied to, if not identical with, *M. Samba* of Moore. Westwood, however, makes it a synonym of *Mineus*.

34. **Mycalesis Mamerta.**

Papilio Mamerta, *Cramer, Pap. Exot.* iv. pl. 326. fig. D (1782).
China (Cramer).

Var. MALSARA.

Mycalesis Malsara, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.*
p. 231. n. 492 (1851).

Himalayas.

B.M.

This may be considered only another form of *Mamerta*, which is possibly a variety of *Polydecta*, and even may be an extreme variety of *Mineus*, to which it is evidently allied.

35. **Mycalesis Orseis.**

Mycalesis Orseis, *Hewitson, Exot. Butterf.* iii. p. 89, pl. 45.
figs. 36, 37 (1864).

Sumatra.

Colls. Saunders and Hewitson.

36. **Mycalesis Jopas.**

Mycalesis Jopas, *Hewitson, Exot. Butterf.* iii. p. 86, pl. 43. fig. 24
(1862).

East India.

Coll. Hewitson.

Allied to *Mamerta*, and also to *Hesione*.

37. **Mycalesis Janardana.**

Mycalesis Janardana, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.*
i. p. 234. n. 502 (1857).

Java.

Horsf. Coll.

Allied to *Megamede* of Hewitson and to *Mamerta* of Cramer.

38. **Mycalesis Megamede.**

Mycalesis Megamede, *Hewitson, Exot. Butterf.* iii. p. 84, pl. 42.
fig. 14 (1862).

Ternate.

B.M.

Allied to *Polydecta* and *Mamerta*.

39. **Mycalesis Nautilus.**

Mycalesis Nautilus, *Butler, Ann. & Mag. Nat. Hist.* xx. p. 402,
pl. 9. fig. 7 (1867).

Malacca, India.

♂ ♀, Coll. Roberts.

40. **Mycalesis Blasius.**

Papilio Blasius, *Fabricius, Ent. Syst. Suppl.* v. p. 426. n. 488–489 (1798); *Butler, P. Z. S.* p. 720. fig. 4 (1867).

East Indies (Fabricius), Philippines.

B.M.

Var. Mycalesis Samba, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* p. 233. n. 498 (1857). *Alis paulum majoribus.*

North India (Moore).

Coll. Ind. Mus.

Seems to be closely allied to *M. Blasius* of Fabricius, which has, however, three ocelli on the underside of the front wings.

Var. LALASSIS.

Mycalesis Lalassis, *Hewitson in Exot. Butterf.* iii. p. 89, pl. 45. fig. 35 (1864).

Gilolo (Hewitson), Gilolo?, North India, Ceylon, (var.) Java.

B.M.

Differs from *Blasius* and *Samba* in the distinct subanal spot of the front wings above, the fainter central band on the underside, also in having four instead of two distinct ocelli in the front wings.

41. **Mycalesis Semperi**, sp. nov. Pl. III. fig. 7.

Alæ supra olivacco-fusæ, area basali paulum pallescente: ocello alis ambabus subanali nigro, brunneo cincto et albo pupillato.

Alæ subtus velut in injusta fere scriptæ, linea autem discali magis ad marginem approximante, ocellis nec distincte violaceo-albido circumcinctis.

Exp. alar. unc. 2½.

Philippine Islands.

B.M.

42. **Mycalesis Madjicosa**, sp. nov. Pl. III. fig. 10.

Alæ supra velut in Ostrea, Westw. (*Otreä*, Hübn.), *ocellis autem anticarum vix iridatis, posticæque ocellis duobus analibus, externo minimo, interno permagno, similibus.*

Alæ subtus fascia discali ad medium alarum magis approximante; linea submarginali ad marginem propiore, linea marginali tenuiore; margine has includente pallidior; aliter velut in Ostrea, var. (formæ communis).

Exp. alar. unc. 2¼.

Madjico-Sima.

B.M.

43. **Mycalesis Mestra.**

Mycalesis Mestra, *Hewitson, Exot. Butterf.* iii. p. 79, pl. 40. figs. 2, 3 (1862).

East India, Deccan (Hewitson).

44. **Mycalesis Malsara.**

Mycalesis Malsara, *Hewitson, Exot. Butterf.* iii. p. 80, pl. 40.
figs. 5, 6 (1862).

Darjeeling (Hewitson).

Coll. Ind. Mus.

45. **Mycalesis Ostrea.**

Mycalesis Ostrea, *Westwood in Gen. Diurn. Lepid.* p. 394. n. 14
(1851).

Mycalesis Otreia, *Hübner, Exot. Schmett. Beiträge*, figs. 79, 80
(1806); *but not P. Otreia of Cramer.*

Sylhet.

B.M.

Var. Mycalesis Otreia, *E. Doubleday, List Lep. Brit. Mus.* i. p. 140
(1844).

Sylhet, North India.

B.M.

46. **Mycalesis Sanatana.**

Mycalesis Sanatana, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.*
i. p. 231. n. 489 (1857).

Darjeeling (Moore).

Coll. Ind. Mus.

47. **Mycalesis Perdiccas.**

Mycalesis Perdiccas, *Hewitson, Exot. Butterf.* iii. p. 84, pl. 42.
fig. 15 (1862).

Japan.

B.M.

48. **Mycalesis Oroatis.**

Mycalesis Oroatis, *Hewitson, Exot. Butterf.* iii. p. 90, pl. 45.
figs. 38, 39 (1864).

Java (Hewitson).

B.M.

Evidently allied to *Otreia* of Hübner (not of Cramer).

49. **Mycalesis cinerea.**

Mycalesis cinerea, *Butler, Ann. & Mag. Nat. Hist.* xx. p. 401,
pl. 8. fig. 9 (1867).

Singapore.

Coll. Roberts.

50. **Mycalesis Hesione.**

Papilio Hesione, *Cramer, Pap. Exot.* i. pl. 11. figs. C, D (1779);
also of *Fabricius.*

Mycalesis Hesione, *Hübner, Verz. bek. Schmett.* p. 55. n. 525
(1816).

Satyrus Hesione, *Godart, Enc. Méth.* ix. p. 510. n. 98 (1819);
also of *Boisduval.*

Orsotriaena Hesione, Wallengren, *Nov. Gen. Lepid. Kongl. Vet. Akad. Forhandl.* p. 80 (1858).

Java, Sylhet.

B.M.

Var. DORIS.

Papilio Doris, Cramer, *Pap. Exot.* iv. pl. 362. fig. C (1782).

Papilio Medus, Fabricius, *Syst. Ent.* p. 488. n. 198 (1775).

China (Cramer), Borneo.

B.M.

Var. RUNEKA.

Mycalesis Runeka, F. Moore, *Cat. Lep. Mus. East-Ind. Comp.* p. 234. n. 501 (1857).

Assam (Moore), East India.

Coll. Ind. Mus. and B.M.

51. *Mycalesis mandata*.

Mycalesis mandata, F. Moore, *Cat. Lep. Mus. East-Ind. Comp.* p. 233. n. 499 (1857).

Mycalesis Gamaliba, Butler, *Ann. & Mag. Nat. Hist.* ser. 3. xix. pl. 2. figs. 3, 3a, 3b (1867).

Canara (Moore), Ceylon.

Coll. Ind. Mus. and B.M.

52. *Mycalesis Mandosa*, sp. nov. Pl. III. fig. 9.

Turbæ Hesionice maxima, supra velut præcedenti colorata; anticae magis productæ, posticæ margine magis sinuato.

Alæ subtus obscuriores, margine externo squamis albidis rorato; ocellis velut in *Hesione* nec *mandata* positis; fascia media nivea lata, anticarum gradatim ad costam pyramidata, posticarum vero velut in *mandata*; ocellis anticarum fuscis valde indistinctis, posticarum nigris fusco cinctis et introrsum a lunulis plumbeis circumcinctis.

Exp. alar. unc. $2\frac{1}{16}$.

South India.

B.M.

53. *Mycalesis Nicotia*.

Mycalesis Nicotia, Hewitson, *Gen. Diurn. Lepid.* p. 394. n. 11, pl. 66. fig. 4 (1851); *Exot. Butterf.* iii. p. 79, pl. 40. fig. 1 (1862).

East India (Hewitson), South India.

B.M.

54. *Mycalesis Adolphe*.

Satyrus Adolphe, Guérin, *Souven. Voy. Inde*, p. 76 (1843).

Mycalesis Adolphe, Westwood in *Gen. Diurn. Lepid.* p. 394. n. 8 (1851).

Neelgherry Mountains.

According to Guérin very much like *Servatius* of Godart, but with-

out the violet gloss. From the description, it seems in some measure to resemble *Nicotia* of Hewitson, only the latter species has a large distinct subanal ocellus in the front wings instead of a white spot.

55. *Mycalesis Onatas*.

Mycalesis Onatas, *Hewitson, Exot. Butterf.* iii. p. 90, pl. 45. fig. 40 (1864).

Neelgherry Mountains.

Mr. Hewitson thinks this may be identical with the preceding. It is evidently closely allied to *Nicotia*.

56. *Mycalesis Martius*.

Papilio Martius, *Fabricius, Ent. Syst.* iii. pt. 1. p. 219. n. 686 (1793).

? *Satyrus Martius*, *Godart, Enc. Méth.* ix. p. 512. n. 102 (1819).

? *Mycalesis Martius*, *Westwood in Gen. Diurn. Lepid.* p. 393. n. 2 (1851).

Var. (alæ anticæ subtus ocellis quinque) *Mycalesis Moorei*, *Felder, Nov. Voy.* iii. tab. 67. fig. 9 (Sept. 1867).

Java.

(Typical form) B.M.

Fabricius appears to have counted the ocelli on his insect backwards. He describes the species as black above and unspotted; below the same colour, but with a paler margin, upon which, in the front wings, are four ocelli, in the hind wings seven; the first and third of the front, and the third of the hind wings larger. This description is exactly applicable to a species near the *Mamerta* of Mr. Moore's Catalogue.

57. *Mycalesis Gopa*.

Mycalesis Gopa, *Felder, Reise der Fregatte Novara*, iii. p. 501. n. 869 (1867).

Darjeeling (*Felder*).

Allied to *Nala*. Form of the hind wing the same as in *Diniche* of Hewitson, the *D. fuscum* of *Felder*.

58. *Mycalesis Nala*.

Mycalesis Nala, *Felder, Wien. ent. Monatschr.* iii (1859); also in *Lep. Fragm.* n. 46 (1859).

Mycalesis Mamerta, *Moore, Cat. Lep. East-Ind. Mus.* i. p. 231. n. 490 (1851).

Var. *Mycalesis Sudra*, *Felder, Reise der Fregatte Novara*, iii. p. 500. n. 868, tab. 67. fig. 10 (1867).

Java.

The true *Mamerta* of Cramer appears to me to be nearly allied to, if not a local form of, *Malsara* of Moore. It seems chiefly to differ from the latter in the size and number of the ocelli on the underside.

59. **Mycalesis Anaxias.**

Mycalesis Anaxias, *Hewitson, Exot. Butterf.* iii. p. 86, pl. 43. figs. 25, 26 (1862).

South India.

B.M.

60. **Mycalesis Æthiops**, sp. nov. Pl. III. fig. 11.

Alæ supra olivaceo-nigræ, ocellis velut in *Remulia*.

Alæ subtus area apicali violacea, ocellos velut in *Asophide* ♀ includente; area hæc apud costam anticarum introrsum directa, fusco rorata; linea submarginali undata altera marginali undulata et margine ipso nigris; linea ad marginem quoque flava: posticæ area basali olivaceo tineta, a linea undulata intersecta.

Exp. alar. unc. $2\frac{1}{8}$.

New Guinea.

B.M.

61. **Mycalesis Phidon.**

Mycalesis Phidon, *Hewitson, Exot. Butterf.* iii. p. 84, pl. 42. fig. 16 (1862).

Aru Islands.

B.M.

62. **Mycalesis Dorycus.**

Satyrus Dorycus, *Boisduval, Voy. Astrolabe*, p. 152. n. 13 (1832).

Cænonympha? *Dorycus*, *Westwood in Gen. Diurn. Lepid.* p. 398. n. 21 (1851).

♀. *Mycalesis Dorycus*, *Hewitson, Exot. Butterf.* iii. pl. 41. figs. 7, 10 (*Doricus*), p. 81 (1862).

♂. *Satyrus Duponchelii*, *Guérin, Voy. Coquille*, pl. 17. fig. 3 (1829-32).

♂. *Mycalesis Getulia*, *Felder, Wien. entom. Monatschr.* iii. p. 269 (1859).

Dorey (New Guinea).

B.M.

63. **Mycalesis Mnasicles.**

Mycalesis Mnasicles, *Hewitson, Exot. Butterf.* iii. p. 88, pl. 44. figs. 32, 33 (1864).

Sumatra (Hewitson).

This species must come near *Dorycus* of Boisduval.

64. **Mycalesis Dexamenus.**

Mycalesis Dexamenus, *Hewitson, Exot. Butterf.* iii. p. 83, pl. 42.
figs. 17, 18 (but not 19) (1862).

Celebes.

B.M.

65. **Mycalesis Dinon.**

Mycalesis Dinon, *Hewitson, Exot. Butterf.* iii. p. 88, pl. 44.
fig. 31 (1864).

Mycalesis Dexamenus (part.), *Hewitson, Ex. Butterf.* iii. pl. 42.
fig. 19 (1862).

Celebes.

B.M.

66. **Mycalesis Deianira.**

Mycalesis Deianira, *Hewitson, Exot. Butterf.* iii. p. 83, pl. 42.
fig. 13 (1862).

Mycalesis Dora, *Hewitson, Exot. Butterf.* iii. p. 88 (1864).

Tondano (Hewitson).

Coll. Wallace.

Closely allied to *Dexamenus* and *Dinon*, but differing in the sub-marginal lines of the underside. Mr. Hewitson altered the name from *Deianira* to *Dora*, as he considered the former too much like *Dejanira**, the *i* and *j* being synonymous on the continent. *Dejanira*, however, belongs to another genus.

67. **Mycalesis Mucia.**

Mycalesis Mucia, *Hewitson, Exot. Butterf.* iii. p. 82, pl. 41.
figs. 11, 12 (1862).

Aru Islands.

B.M.

Allied to *Cyamites* of Boisduval. The female on the upperside is somewhat like *Dinon* of Hewitson.

68. **Mycalesis Cyamites.**

Satyrus Cyamites, *Boisduval, Vog. de l'Astrolabe*, pt. 1. p. 152
(1832).

Cænonympha Cyamites, *Westwood in Gen. Diurn. Lepid.* p. 398.
n. 22 (1851).

Satyrus Bazochii, *Guérin, Voy. Coquille, Atlas, Ins.* pl. 14². fig. 3
(1832).

Dorey, New Guinea.

69. **Mycalesis Messene.**

Mycalesis Messene, *Hewitson, Exot. Butterf.* iii. p. 81, pl. 41.
figs. 8, 9 (1862).

Ternate.

♂, B.M.

* *Pararge Dejanira*.

70. *Mycalesis Shiva*.

Satyrus Shiva, *Boisduval*, *Voy. de l'Astrolabe*, *Entom.* pt. 1. p. 149. n. 9 (1832).

Cænonympha Shiva, *Westwood in Gen. Diurn. Lepid.* p. 398. n. 25 (1851).

Dory (New Guinea).

Coll. Hewitson.

This species is allied to *Messene*.

71. *Mycalesis Tagala*.

Mycalesis Tagala, *Felder in Wien. ent. Monatschr.* v. (1861); also in *Lep. Diagn.* n. 101; *Nov. Voy.* iii. tab. 67. figs. 7, 8 (1867).

Bourias, Locban, Mindanao (Felder).

Seems to be allied to *Mycalesis Mucia* of Hewitson, but may come into the *Maianeas* group.

72. *Mycalesis Bisaya*.

Mycalesis Bisaya, *Felder in Wien. ent. Monatschr.* v. (1861); also in *Lep. Diagn.* n. 102.

Bourias, Locban, Luzon (Felder).

According to Felder, it is quite possible that this may turn out to be a variety of the preceding species.

73. *Mycalesis Mehadeva*.

Satyrus Mehadeva, *Boisduval*, *Voy. de l'Astrolabe*, *Entom.* pt. 1. p. 151. sp. 12 (1832).

Cænonympha Mehadeva, *Westwood*, *Gen. Diurn. Lepid.* p. 398. n. 23 (1851).

Dorey (New Guinea).

B.M.

In our specimen of this insect there is a seventh very minute anal ocellus in the hind wings. It is allied to *Asophis* of Hewitson. The specimens of *Mehadeva* in Mr. Hewitson's Collection have a greater extent of black colour in the front wings than exists in our specimen.

74. *Mycalesis Remulia*.

Papilio Remulia, *Cramer*, *Pap. Erot.* iii. pl. 237. figs. F, G (1782); but not of *Godart & Boisduval*.

Mycalesis? *Remulia*, *Westwood in Gen. Diurn. Lepid.* p. 394. n. 17 (1851).

Java (Cramer), North Ceram.

B.M.

75. *Mycalesis Terminus*.

Papilio Terminus, *Fabricius*, *Ent. Syst.* iii. pt. 1. p. 220. n. 687 (1793); *Donovan*, *Ins. New Holl.* pl. 28. fig. 4 (1805).

Satyrus Terminus, *Godart, Enc. Méth.* ix. p. 501. n. 84 (1819).
 Mycalesis? Terminus, *Westwood in Gen. Diurn. Lepid.* p. 394.
 n. 10 (1851); *Butler, P. Z. S.* p. 720. figs. 3, 3a (1867).

New Holland, Australia.

B.M.

Certainly not a variety of *Remulia* of Cramer, from which it differs in the position of the subanal ocellus of the fore wing, in the smaller and more regular ocelli, paler colouring, and waved submarginal line of the underside. The type of this species is in the Banksian Collection.

76. *Mycalesis Minois*.

Mycalesis Minois, *Hewitson, Exot. Butterf.* iii. p. 87, pl. 44.
 figs. 29, 30 (1864).

Timor.

77. *Mycalesis Asophis*.

Mycalesis Asophis, *Hewitson, Exot. Butterf.* iii. p. 85, pl. 43.
 figs. 20, 21 (1862).

(♂) Ternate, (♀?) Mysol.

B.M.

78. *Mycalesis Felderi*, sp. nov. Pl. III. fig. 5.

Alæ supra fuscae: anticae apice velut in *Remulia nigrescente*; ocello permagno discali nigro albo pupillato et ferrugineo cineto; puncto subapicali minimo albo: posticae ocellis septem, quinto maximo, secundo, tertio et septimo minimis, omnibus nigris albo pupillatis flavo cinctis et nigro circumcinctis; fascia submarginali et ciliis fuscis obscurioribus, margine ipso nigro.

Alæ subtus fere velut in *Ita* (Feld.), ocellis autem velut supra.

Exp. alar. unc. $2\frac{1}{8}$.

Philippines.

B.M.

This may be only an extreme form of *Ita*.

79. *Mycalesis fuscum*.

Dasyomma fuscum, *Felder, Wien. ent. Monatschr.* iv. p. 401.
 n. 27 (1860).

Mycalesis Diniche, *Hewitson, Exot. Butterf.* iii. p. 85, pl. 43.
 fig. 23 (1862).

Malay peninsula (Felder), Singapore.

B.M.

80. *Mycalesis Sirius*.

*Papilio Sirius**, *Fabricius, Syst. Ent.* p. 488. n. 201 (1775);
Donovan, Ins. New Holl. pl. 28. fig. 1 (1808).

* The type is in the Banksian Collection.

Satyrus Sirius, *Godart, Enc. Méth.* ix. p. 500. n. 83 (1819).

Cænonympha Sirius, *Westwood in Gen. Diurn. Lepid.* p. 398.
n. 26 (1851).

New Holland, Australia.

♂, B.M.

Var. ZACHÆUS.

Papilio Zachæus, *Fabricius, Ent. Syst.* iii. pt. 1. p. 217. n. 679
(1793).

Satyrus Zachæus, *Godart, Enc. Méth.* ix. p. 512. n. 103 (1819).

Lasiommata? *Zachæus*, *Westwood in Gen. Diurn. Lepid.* p. 387.
n. 17 (1851).

Hab. —? (Fabr.), Australia.

♂ ♀, B.M.

Var. DAIDIS.

Mycalesis Daidis, *Hewitson, Exot. Butterf.* iii. p. 85, pl. 43.
fig. 22 (1862).

Mycalesis Manipa (*syn.*), *Felder, Lep. Diagn.* p. 46. n. 100, note.

Ceram (Hewitson), var. North Ceram.

B.M.

Another form of *M. Sirius*.

Var. MANIPA.

Satyrus Manipa, *Boisduval, Voy. de l'Astrolabe, Entom.* pt. 1.
p. 150. n. 10 (1832).

Cænonympha Manipa, *Westwood in Gen. Diurn. Lepid.* p. 398.
n. 24 (1851).

"Amboyna, Bourou, Offack," Australia.

B.M.

Scarcely differs from *Daidis*. Dr. Felder considers it identical with it.

81. ***Mycalesis Ita.***

Mycalesis Ita, *Felder in Wien. ent. Monatsch.* v. (1861); also
in *Lep. Diagn.* n. 100; *Nov. Voy.* iii. tab. 68. figs. 8, 9
(1867).

Luzon, Philippines.

B.M.

82. ***Mycalesis Itys.***

Mycalesis Itys, *Felder, Reise der Fregatte Novara*, iii. p. 903.
n. 873 (1867).

Celebes (Felder).

83. ***Mycalesis fraterna*, sp. nov.** Pl. III. fig. 13.

Alæ supra velut in *Narcisso*, sed majores.

Alæ subtus pallidiores, lineis ocellisque magis distinctis, linea media
externa posticarum leviter undata; ocello discali anticarum rufo cir-

eumcincto ; ocellis posticarum majoribus, uno subapicali ; aliter velut in *Narcisso*.

Exp. alar. unc. $1\frac{1}{6}$.

Madagascar.

B.M.

84. *Mycalesis Narcissus*.

Papilio Narcissus, *Fabricius, Ent. Syst. Suppl.* v. p. 428. n. 672, 673 (1798).

Satyrus Narcissus, *Godart, Enc. Méth.* ix. p. 551. n. 181 (1819); also of *Boisduval*.

Cænonympha Narcissus, *E. Doubleday, List Lep. Brit. Mus. App.* p. 33 (1847).

Mycalesis Narcissus, *Westwood in Gen. Diurn. Lepid.* p. 394. n. 9 (1851).

Mauritius.

B.M.

85. *Mycalesis Anapita*.

Mycalesis Anapita, *Moore, Cat. Lep. Mus. East-Ind. Comp.* i. p. 232. n. 495 (1857).

Borneo, India.

Coll. Ind. Mus. and, ♂ ♀, B.M.

86. *Mycalesis Patnia*.

♂. *Mycalesis Patnia*, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* p. 232. n. 494 (1857).

Ceylon.

Coll. Ind. Mus. and B.M.

87. *Mycalesis Junonia*, sp. nov. Pl. III. fig. 4.

♂ ♀. Alæ supra fuscae, margine pallido lineam nigram includente, ciliis griseis fusco variis : anticae ocellis duobus nigris albo pupillatis, superiore brunneo cincto ; inferiore multo majore, insuper a lunula irregulari albida cincto : posticae ocellis uno duobusve indistinctis discalibus minimis.

Alæ subtus olivaceae, aliter fere velut in *Patnia* scriptae.

Exp. alar. unc. $1\frac{0}{6}$ – $1\frac{3}{6}$.

South India.

B.M.

This is clearly allied to *Patnia*, but quite distinct.

Genus 46. ERITES, *Westwood* (1851).

Typical Species *Erites Madura*.

1. *Erites Madura*.

Hipparchia Madura, *Horsfield, Cat. Lep. Mus. E.-I. C.* tab. 5. figs. 8, 8 a (1829).

Satyrus (Erites) Madura, *Westwood in Gen. Diurn. Lepid.* p. 392. n. 47 (1851).

Erites Madura, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* i. p. 229. n. 484 (1857).

Java.

Horsf. Coll. and B.M.

2. *Erites elegans*, sp. nov. Pl. II. fig. 4.

Alæ supra fuscae subpellucidæ, marginibus obscurioribus: posticæ lineis duabus marginalibus ochreis; ocellis sex submarginalibus, quinto permagno, aliis minimis, nigris ochreo cinctis; fascia discali undata ochracea.

Alæ subtus margaritaceæ, area basali et margine interno fusco liturata; fascia obliqua communi integra, altera discali, posticis undata, et tertia posticis inter ocellos pallidiore ochreis, fusco limitatis; lineis duabus (interna interrupta) marginalibus et margine ipso fuscis; margine has includente lacteo: anticæ fascia submarginali ocellos quinque subæquales ferente, his fuscis lacteo cinctis, et albo pupillatis: posticæ ocellis sex nigris, sexto indistinctissimo, quinto permagno, aliis ochreo cinctis argenteo pupillatis et ferrugineo-ochreo late circumcinctis, quinto pupilla permagna.

Exp. alar. unc. $2\frac{1}{4}$.

Borneo (two specimens).

B.M.

This is a very distinct and beautiful species.

Genus 47. CÆNYRA, *Hewitson* (1865).

Typical Species *Cænryra Hebe*.

1. *Cænryra Hebe*.

Ypthima Hebe, *Trimen, Trans. Ent. Soc.* 3rd ser. i. p. 280 (1864); *Rhop. Afric. Austral.* ii. p. 205. n. 118, pl. 4. fig. 3 (1866).

Var. *Cænryra Hebe*, *Hewitson, Trans. Ent. Soc.* 3rd ser. ii. p. 281 (1865).

Cænryra Corycia, *Hewits. ibid.* pl. 17. figs. 1, 2 (1865).

Bashee River (Trimen), Port Natal. Colls. Hewitson and B.M.

Genus 48. XOIS, *Hewitson* (1865).

Typical Species *Xois Sesara*.

1. *Xois Sesara*.

Xois Sesara, *Hewitson, Trans. Ent. Soc.* 3rd ser. ii. pt. 4. p. 282, pl. 17. figs. 3, 4 (1865).

Fiji Islands.

Colls. Hewitson and B.M.

Genus 49. *YPOTHIMA*, *Westwood* [not *Hübner* *] (1851).

Typical Species *Ypthima* (*Baldus*) *Lisandra*.

1. *Ypthima Asterope*.

Hipparchia Asterope, *Klug in Ehrenb. & Hempr. Symb. Phys.*
pl. 29. figs. 11-14 (1829-45).

Ypthima (*sic*) *Asterope*, *Hewitson in Trans. Ent. Soc. London*,
3rd ser. ii. p. 283. n. 1 (1865).

Var. Ypthima Norma, *Westwood & Hewitson in Gen. Diurn.*
Lepid. p. 395. n. 5, pl. 67. fig. 1 (1851).

Java (B.M.), Syria [Natal and Calabar] (*Hewitson*), var. China.
B.M.

There can be no doubt that Mr. *Hewitson* is right in sinking *Y. Norma* as a variety of *Asterope*.

2. *Ypthima Nareda*.

Satyrus Nareda, *Kollar in Hügel's Kaschmir*, p. 451. n. 12
(1848).

Ypthima Nareda, *Hewitson in Trans. Ent. Soc. Lond.* 3rd ser.
ii. p. 284. n. 6, pl. 17. figs. 6, 7 (1865).

Northern India, (var.) Borneo. B.M.

Local form. Ocello apicali anticarum iride magna.

South and West Africa. B.M.

Var. MOTSCHULSKII.

Satyrus Motschulskii, *Bremer, Beitr. zur Fauna nördl. Chinas*,
p. 8. n. 26 (1853); *Ménétriés, Enum. Corp. Anim.* pt. 1. p. 47.
n. 782, t. 6. fig. 5 (1855).

Ypthima Motschulskiji (*sic*), *Hewitson, Trans. Ent. Soc. London*,
3rd ser. ii. p. 290. n. 17 (1865).

(Var.) Northern India. B.M.

3. *Ypthima Loryma*.

Ypthima Loryma, *Hewitson, Trans. Ent. Soc. London*, 3rd ser.
ii. p. 289. n. 14, (*Ypthima*) pl. 18. figs. 16, 17 (1865).

Macassar (*Hewitson*), Celebes. B.M.

4. *Ypthima amphithea*.

Ypthima amphithea, *Ménétriés in Schrenck's Amur-Lande*, pl. 3.
fig. 10, p. 41 (1859).

* The type of *Hübner's Ypthima* is the *cassus* of *Linnaeus*, recently made into a genus by *Wallengren*. As it would create great confusion to alter the name of the present group, it is preferable to retain it as representing the *Ypthima* of *Westwood*.

Ypthima amphithea, *Hewitson, Trans. Ent. Soc.* 3rd ser. ii. p. 289. n. 15 (1865).

Amoor, Sula.

Coll. Hewitson.

This species seems to differ very little from suffused specimens of *Nareda*. Mr. Hewitson, in his excellent monograph of the genus, remarks that it chiefly differs from *Loryma* in colour.

5. *Ypthima Pandocus*.

Ypthima Pandocus, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* i. p. 235. n. 506 (1857); *Hewitson, Trans. Ent. Soc. Lond.* 3rd ser. ii. p. 290. n. 16, pl. 18. fig. 12 (1865).

Java.

♂, B.M.

Var. Anticæ ocello multo minus obliquo : posticæ magis elongatæ ; subtus ocellis quinque, duobus apicalibus et tribus analibus, primo et quarto maximis.

Borneo.

♀, B.M.

This species links the *Nareda* and *Baldus* groups together.

6. *Ypthima Batesii*.

Ypthima Batesii, *Felder, Reise der Fregatte Novara*, iii. tab. 68. figs. 10, 11 (1867).

Madagascar (Felder).

Allied to *Ypthima Pandocus* of Moore.

7. *Ypthima Sakra*.

Ypthima Sakra, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* i. p. 236. n. 508 (1857); *Hewitson, Trans. Ent. Soc. London*, 3rd ser. ii. p. 290. n. 18, pl. 18. fig. 18 (1865).

North India.

Coll. Hewitson.

8. *Ypthima Methora*.

Ypthima Methora, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. ii. p. 291. n. 19, (*Ypthima*) pl. 18. figs. 20, 21 (1865).

North India.

B.M. ? Coll. Hewitson.

9. *Ypthima Lisandra*.

Papilio Lisandra, *Cramer, Pap. Exot.* iv. tab. 293. figs. G, H (1782).

Ypthima Lysandra, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* i. p. 235. n. 504 (1857); also of *Hewitson* (1865).

China.

B.M.

Var. BALDUS.

Papilio Baldus, *Fabricius, Mant. Ins.* ii. p. 34. n. 356 (1787);
also of *Donovan* (figure very bad). Coll. Banks.

Satyrus Baldus, *Godart, Enc. Méth.* ix. p. 551. n. 184 (1819).

Ypthima Baldus, *Westwood in Gen. Diurn. Lepid.* p. 395. n. 1
(1851), type of genus.

Ypthima Baldus, *Hewitson, Trans. Ent. Soc. Lond.* 3rd ser. ii.
p. 286. n. 9 (1865).

India (*Fabricius*), Hongkong, China.

B.M.

The type specimen of this insect has a subapical ocellus on the upperside of the hind wings: there is not sufficient difference between it and *Lisandra* to constitute a species.

Var. LARA.

Papilio Lara, *Donovan, Nat. Repos.* ii. pl. 71 (1824).

Ypthima laroides, *Westwood in Gen. Diurn. Lepid.* p. 395.
n. 6 (1851).

South Africa, Cape of Good Hope (*Donovan* and *Westwood*).

This form seems more distinct than *Baldus* from *Lisandra*. As there are no African specimens of this species in the collection, it is impossible to say whether or no *Lara* is identical in all respects with it.

10. *Ypthima Sepyra*.

Ypthima Sepyra, *Hewitson, Trans. Ent. Soc. London*, 3rd ser.
p. 292. n. 22, (*Ypthima*) pl. 17. fig. 10 (1865).

Gilolo, Batchian.

Coll. Hewitson.

11. *Ypthima Argus*.

Ypthima Argus (*sic*), *Butler, Journ. Linn. Soc. (Zool.)* ix.
p. 56. n. 22.

Hakodadi, North Japan.

♂ ♀, B.M.

This species chiefly differs from *Lisandra* in the different ground-colour, the clearer ocelli, and in the addition of a curious ocelloid spot at the termination of the front-wing cell on the underside in the female.

12. *Ypthima Itonia*.

Ypthima Itonia, *Hewitson, Trans. Ent. Soc. London*, 3rd ser.
ii. p. 287. n. 11, (*Ypthima*) pl. 18. fig. 13 (1865).

White Nile.

B.M.

13. *Ypthima Stellera*.

Hipparchia Stellera, *Eschscholtz, Kotzeb. Voy.* pl. x. figs. 24a,
24b, p. 216 (1821).

Ypthima Stellera, Hewitson, *Trans. Ent. Soc. London*, p. 285. n. 8 (1865).

Var. Ypthima Sempera, Felder, *Wien. ent. Monatschrift*, iii. p. 125 (1863).

Manilla (Eschscholtz).

Coll. Hewitson and B.M.

14. *Ypthima fasciata*.

Ypthima fasciata, Hewitson, *Trans. Ent. Soc. London*, 3rd ser. p. 287. n. 12 (1865).

Sarawak, Sumatra (Hewitson).

15. *Ypthima Chenu*.

Satyrus Chenu, Guérin-Ménéville in *Delessert's Souv. Voy. Ind.* pl. 21. fig. 2, p. 77 (1843).

Australia.

B.M.

16. *Ypthima Inica*.

Ypthima Inica, Hewitson, *Trans. Ent. Soc. London*, 3rd ser. ii. p. 284. n. 5, (*Ypthima*) pl. 17. fig. 5 (1865).

East India.

B.M.

17. *Ypthima Arctous*.

Papilio Arctous, Fabricius, *Mant. Ins.* ii. p. 33 (1785).

Satyrus Arctous, Godart, *Enc. Méth.* ix. p. 552. n. 185 (1819); also of *Boisduval*.

Ypthima Arctous, Westwood in *Gen. Diurn. Lepid.* p. 395. n. 7 (1851).

Ypthima Arctous, Hewitson, *Trans. Ent. Soc. London*, 3rd ser. p. 283. n. 2 (1865).

Aru, Port Denison (Hewitson), New Holland.

Coll. Banks and B.M.

Var. ?? ARCTOIDES.

Ypthima arctoides, Hewitson in *Trans. Ent. Soc. London*, p. 284. n. 3 (1865).

Papilio Arctous (*Irius* in plate), Donovan, *Ins. New Holland*, pl. 24. fig. 2 (1805).

New Holland (Donovan).

The figure by Donovan must either be incorrect or not copied from the Fabrician type: he distinctly states that his insect is from the Banksian cabinet; and an examination of this type shows that it in no way differs from the usual form of *Arctous*. It seems tolerably evident that the extra ocellus in Donovan's figure is merely an addition of his own, in which case *arctoides* will become a synonym of *Arctous*.

18. *Ypthima Philomela*.

Ypthima Philomela, *Hübner, Zuträge Exot. Schmett.* figs. 83, 84 (1806); *Verz. bek. Schmett.* (part.) p. 63. n. 608 (1816); but not *Philomelus* of *Linnaeus*, p. 768.

Ypthima Philomela, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. ii. p. 284. n. 4 (1865).

North India.

B.M.

Var. *Ocellis posticarum subtus obsoletis.*

East Indies.

B.M.

19. *Ypthima Ceylonica*.

Ypthima Ceylonica, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. ii. p. 288. n. 13, (*Ypthima*) pl. 18. figs. 14, 15 (1865).

Ceylon.

B.M.

20. *Ypthima Hyagriva*.

Ypthima Hyagriva, *Moore, Cat. Lep. Mus. East-Ind. Comp.* p. 236. n. 507 (1857); *Hewitson, Trans. Ent. Soc. London*, 3rd ser. ii. p. 291. n. 20, (*Ypthima*) pl. 18. fig. 11 (1865).

Darjeeling.

Coll. Hewitson.

21. *Ypthima Narasingha*.

Ypthima Narasingha, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* p. 236. n. 509 (1857); *Hewitson, Trans. Ent. Soc. London*, p. 291. n. 21, (*Ypthima*) pl. 18. fig. 19 (1865).

Darjeeling.

Coll. Hewitson.

22. *Ypthima Aphnius*.

Satyrus Aphnius, *Godart, Enc. Méth.* ix. p. 551. n. 183 (1819).

Ypthima Aphnius, *Westwood in Gen. Diurn. Lepid.* p. 396. n. 10 (1851).

Ypthima Aphnius, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. p. 292. n. 23 (1865).

Var.? *Papilio Magus*, *Fabricius, Ent. Syst.* iii. pt. 1. p. 223. n. 700 (1793).

Timor.

B.M.

It is better to regard *Tamatave* as a *Pseudonympha*. Its accidental resemblance to *Y. Aphnius* is not a sufficient reason for placing it in *Ypthima*; and the general colouring is more like that of the species of *Pseudonympha*. It seems nearly allied to *Cassius* of Godart.

Genus 50. ORESSINOMA, *Westwood* (1851).Typical Species *Oressinoma Typhia*.1. *Oressinoma Typhia*.*Oressinoma Typhia*, *Hewitson, & Westwood in Gen. Diurn. Lepid.* p. 372. n. 1, pl. 62. fig. 5 (1851).

Venezuela, Bolivia, New Granada, West Coast.

B.M.

Genus 51. ARGE, *Hübner* (1816)*.Typical Species *Arge Syllius* (*Psyche*).1. *Arge Galathea*.*Papilio Galathea*, *Linneus, Syst. Nat.* i. p. 474 (1758), ii. p. 772. n. 147 [12th ed.] (1766); *Hübner, Eur. Schmett.* i. pl. 41. figs. 183–185 (1805); also of *Scopoli, Denis, &c.**Papilio* (Nymph. Gemm.) *Galathea*, *Esper, Schmett.* i. pt. 1. tab. 7. fig. 3, tab. 25. *Suppl.* i. fig. 1 (1777).*Satyrus Galathea*, *Godart, Enc. Méth.* ix. p. 505. n. 91 (1819); *Lép. de France*, i. p. 165. n. 55, pl. 8. fig. 2 (1821).*Hipparchia Galathea*, *Stephens, Ill. Haust.* i. p. 57. sp. 7 (1828).*Arge Galathea*, *Boisduval, Sp. Gén. Lép. Ind.* p. 25. n. 185 (1840).*Maniola Galatæa* (*sic*), *Schrank, Fauna Boica*, ii. pt. 1. p. 170. n. 1297 (1801).*Papilio Galatæa* (*sic*), *Ochsenheimer, Schmett. v. Eur.* i. p. 242. n. 35 (1807).*Var. Papilio* (Nymph. Gemm.) *Galaxera*, *Esper, Schmett.* i. pt. 2. tab. 111. cont. 66. fig. 5 (1777).

Italy, France, England.

B.M.

*Var. PROCIDA.**Papilio Procida*, *Herbst, Natursyst. Schmett.* viii. p. 22. n. 6 (1796).*Arge Procida*, *Boisduval, Icon. Hist. Lép.* p. 131. n. 1, pl. 25. figs. 5, 6 (1832).*Papilio* (*Hipparchia*) *Galatæa*, *var. Procida*, *Freyer, Neuere Beiträge*, iv. tab. 379, (*Galathea*) p. 157. n. 649 (1842).*Var. Papilio* (Nymph. Gemm.) *Galathea*, *var.*, *Esper, Schmett.* i. pt. 2. tab. 111. cont. 66. fig. 4 (1777) [B.M.].

Italy, Germany, South Europe.

B.M.

*Var. LEUCOMELAS.**Papilio* (Nymph. Gemm.) *leucomelas*, *Esper, Schmett.* i. pt. 2. tab. 81. cont. 31. figs. 1, 2 (1777).* The *Arge* of *Esper* is a specific, and not a generic name.

Papilio leucomelas, *Borkhausen, Naturgesch. Schmett.* i. p. 106. n. 49 (1788); *Hübner, Eur. Schmett.* i. pl. 102. figs. 517, 518 (1805).

Arge leucomelas, *Boisduval, Icon. Hist. Lép.* p. 133. n. 2, pl. 25. figs. 3, 4 (1832).

Papilio (*Hipparchia*) *leucomelas*, *Freyer, Neuere Beiträge*, v. p. 87. n. 767, pl. 433 (1845).

Papilio Liriope, *Cyrolli Ent. Neap. Spec.* i. tab. 12. fig. 3 (1787).

Var. Arge Clotho?, *Lucas, Expl. Algér. Lép.* pl. 1. figs. 4, 4a (1849).

Pyrenees.

B.M.

2. *Arge meridionalis*.

Melanargia Halimede, *var. meridionalis*, *Felder, Lep. Chin. et Jap., in Wien. ent. Monatschr.* sp. 27.

North China.

B.M.

This is much more worthy of a specific name than the *Halimede* of Ménétriés; it appears to be quite distinct from the latter, which seems to be only a race of *Lachesis*.

3. *Arge Lachesis*.

Papilio Lachesis, *Hübner, Beiträge Gesch. Schmett.* ii. pt. 3. p. 70, pl. 3. figs. 1, 2 (1786-90); also of *Herbst* and *Ochsenheimer*.

Arge Lachesis, *Boisduval, Sp. Gén. Lép. Ind.* p. 25. n. 183 (1840); also of *Doubleday* (1844).

Papilio (*Nymph. Gemm.*) *Arge* (*Nemausiaca*), *Esper, Schmett.* i. pt. 2. tab. 96. cont. 51. figs. 1, 2, and pt. 2. p. 15 (1777).

Var. Satyrus Lachesis, *Godart, Enc. Méth.* ix. p. 507. n. 92 (1819); *Lép. de France*, ii. p. 135. n. 51, pl. 19. figs. 1, 2 (1822); also of *Lefebvre*.

France.

B.M.

Var. HALIMEDE.

Arge Halimede, *Schrenck, Reise und Forsch. Amur-Lande*, Bd. ii. p. 37. n. 71, tab. 3. figs. 6, 7 (1859).

Amur Land.

Var. TITEA.

Hipparchia Titea, *Klug, Symb. Phys.* tab. 29. figs. 15-18 (1829-45).

Arge Titea, *Boisduval, Sp. Gén. Lép. Ind.* p. 26. n. 189 (1840).

Satyrus D'Arceti, *Lefebvre, Ann. Ent. Soc. France*, i. p. 89, pl. 2. fig. 1 (1832-34); *Duponchel, Lép. de France*, i. p. 174. n. 58, pl. 26. figs. 5, 6 (1832).

Hipparchia Teneates, *Ménétriés, Cat. rais. Ins. Caucas.* p. 255.

n. 1200 (1832); *Herrich-Schäffer, Eur. Schmett.* i. figs. 423, 424 (1845).

Syria (Klug), Mount Lebanon (Lefebvre), Caucasus (Ménétriés).

A. Halimede and *Titea* must be looked upon as merely local forms of *A. Lachesis*; they differ about as much as *Galathea* and *Procida* do.

4. *Arge Hylata*.

Hipparchia Hylata, *Ménétriés, Cat. rais. Ins. Caucas.* p. 251. n. 1198 (1832); *Herrich-Schäffer, Eur. Schmett.* i. figs. 425, 426 (1845).

Caucasus (Ménétr.), Persia.

B.M.

This species is exceedingly variable in pattern and coloration; it is not clear that it is more than a local form of *A. Larissa*.

5. *Arge Larissa*.

Papilio Larissa, *Hübner, Eur. Schmett.* i. pl. 182. figs. 896–899 (1805).

Papilio (*Hipparchia*) *Larissa*, *Freyer, Neuere Beiträge*, ii. p. 85, tab. 73. fig. 1 (1836).

Arge Larissa, *Boisduval, Icon. Hist. Léop.* p. 136, pl. 28. figs. 4–6 (1832).

Dalmatia.

B.M.

Var. HERTA.

Papilio Herta, *Hübner, Eur. Schmett.* i. pl. 183. figs. 900–903 (1805).

Arge Herta, *Boisduval, Icon. Hist. Léop.* p. 134. n. 3, pl. 28. figs. 1–3 (1832); also of *Lefebvre* (1832–34).

North Europe.

B.M.

A local form of *A. Larissa*.

6. *Arge Iapygia*.

Papilio (*Nymph. Gemm.*) *Iapygia*, *Esper, Schmett.* i. pt. 2. tab. 105. cont. 60. fig. 3, tab. 111. cont. 66. fig. 3 (1777).

Papilio Iapygia, *Cyrrilli Ent. Neap. Spec.* i. tab. 3. fig. 5 (1787); *Herbst* (1796), as *Galathea*, *var.*

Papilio Arge, *Fabricius, Ent. Syst.* iii. pt. 1. p. 239. n. 746 (1793).

Satyrus Arge, *Godart, Enc. Méth.* ix. p. 507. n. 93 (1819).

Papilio Clotho, *Hübner, Eur. Schmett.* i. pl. 42. figs. 190, 191 (1805); also of *Ochsenheimer*.

Arge Clotho, *Boisduval, Icon. Hist. Léop.* p. 137. n. 5, pl. 25. figs. 1, 2 (1832); also of *Hewitson* (1851), but not of *Lucas*.

Var. Papilio (*Nymph. Gemm.*) *Arge* (*Russiae*), *Esper, Schmett.* i. pt. 2. tab. 84. cont. 34. fig. 1, ? 2 (1777).

Papilio Suwarovius, *Herbst, Natursyst. Schmett.* viii. p. 13. n. 2, tab. 182. figs. 5, 6, ? 7 (1796).

Var. Papilio Atropos, *Hübner, Eur. Schmett.* i. pl. 43. figs. 192, 193 (1805).

Papilio Lyssianassa, *Dahl* (1823?).

Arge Lyssianassa, *Boisduval, Sp. Gén. Léop. Ind.* p. 25 (1840).

Arge Clotho, *var. Atropos*, *Bellier de la Chavignerie, Ann. Ent. Soc. France*, p. 677. n. 1 (1860).

Sicily (Bellier), South Europe, Germany.

B.M.

Var. CLEANTHE.

Arge Cleanthe, *Boisduval, Icon. Hist. Léop.* p. 139. n. 6, pl. 26. figs. 1-3 (1832).

Satyrus Clotho, *var. Cleanthe*, *Duponchel, Léop. de France*, i. p. 170, pl. 25. figs. 5, 6 (1832).

Pyrenees, South of France.

B.M.

Var. CLOTHO.

Satyrus Clotho, *Duponchel, Léop. de France*, i. p. 167. n. 56. figs. 1-4 (1832); but not of *Hübner*.

Var. Papilio (Hipparchia) Xenia, *Freyer, Neuere Beiträge*, vi. p. 133. n. 1030, pl. 566. figs. 3, 4 (1852).

Arge Hertha, *var. caucasica*, *Nordmann, Bull. Soc. Imp. Nat. Mosc.* p. 403, tab. 8. figs. 1-3 (1851).

Russia.

B.M.

This form is more distinct than *Cleanthe*; they are both evidently local forms of *Iapygia*. We have a single specimen of an *Arge* which seems intermediate between *Herta* and *Iapygia*; but it would be rash to venture, without clearer evidence, to consider these species mere variations of one type.

7. *Arge Ines.*

Papilio Ines, *Hoffmannsegg in Illig. Mag.* iii. p. 205 (1804).

Arge Ines, *Boisduval, Icon. Hist. Léop.* p. 145. n. 10, pl. 27. figs. 5, 6 (1832); also of *Lefebvre* and *Westwood*.

Satyrus Ines, *Duponchel, Léop. de France*, i. p. 162. n. 54, pl. 24. figs. 1, 2, (*var.*) 3, 4 (1832).

Papilio Thetis, *Hübner, Eur. Schmett.* i. pl. 43. figs. 196, 197 (1805).

Papilio Amphitrite, *var.*, *Ochsenheimer, Schmett. v. Eur.* i. pt. 1. p. 252 (1807), ? *var.* pt. 2. pp. 236, 237 (1808).

Spain.

B.M.

8. *Arge Syllius.*

Papilio Syllius, *Herbst, Natursyst. Schmett.* viii. p. 15, tab. 182. figs. 8, 9 (1796); also of *Ochsenheimer*.

Papilio (Nymph. Gemm.) *Arge* (occitanica), *Esper*, *Schmett.* i. pt. 2. tab. 96. cont. 51. figs. 3, 4 (1777).

Papilio Psyche, *Hübner*, *Eur. Schmett.* i. pl. 44. figs. 198, 199; var. pl. 133. figs. 676, 677, pl. 137. figs. 696, 697 (1805).

Satyrus Psyche, *Godart*, *Enc. Méth.* ix. p. 508. n. 95 (1819); *Lép. de France*, ii. p. 138. n. 52, pl. 19. figs. 3, 4 (1822).

Arge Psyche, *Westwood in Gen. Diurn. Lepid.* p. 384. n. 8 (1851).

South of France, Germany, ?? Port Natal.

B.M.

Var. IXORA.

Arge Ixora, *Boisduval*, *Icon. Hist. Lép.* p. 140. n. 7, pl. 27. figs. 3, 4 (1832).

Var. ? Papilio Psyche, *Hübner*, *Eur. Schmett.* i. pl. 137. figs. 694, 695 (1805).

South of France.

9. *Arge Amphitrite.*

♂. *Papilio Amphitrite*, *Hübner*, *Eur. Schmett.* i. pl. 43. figs. 196, 197 (1805).

Satyrus Amphitrite, *Godart*, *Enc. Méth.* ix. p. 508. n. 94 (1819).

Arge Amphitrite, *Hübner*, *Verz. bek. Schmett.* p. 60. n. 578 (1816); also of *Boisduval* (1832).

Papilio Arge, *Fuessly*, *Alt. Mag.* i. pt. 2. p. 202 (1775); also of *Bergsträsser*, *Schneider*, *Petagna*, and *Herbst*.

Papilio (Nymph. Gemm.) *Arge*, *Sulzer*, *Gesch. Insekt. Linn. Syst.* p. 144, pl. 16. figs. 8, 9 (1776); also of *Esper*.

Satyrus Arge, *Duponchel*, *Lép. de France*, i. p. 164. n. 55, pl. 24. figs. 5, 6 (1832).

Papilio Arge Sicula, *Borkhausen*, *Naturgesch. Schmett.* i. p. 107. n. 50 (1788).

Naples.

B.M.

As the name *Arge* has been adopted for the genus, it has been necessary to retain the synonymic name *Amphitrite*.

Var. PHERUSA.

Papilio Pherusa, *Dahl* (1823?).

Arge Pherusa, *Boisduval*, *Icon. Hist. Lép.* p. 141. n. 8, pl. 26. figs. 4-6 (1832).

Arge Pherusa, var. *Plesaure*, *Bellier de la Chavignerie*, *Ann. Ent. Soc. France*, p. 678 (1860).

Sicily (Bellier), South of France ?

This insect must be considered a local form of *Amphitrite*: it is intermediate between it and the preceding species.

Genus 52. RHAPHICERA, *Butler* (1867).Typical Species *Rhaphicera Satricus*.1. *Rhaphicera Satricus*.♀. *Lasiommata Satricus*, *Hewitson & Westwood*, in *Gen. Diurn. Lepid.* p. 387. n. 14, pl. 64. fig. 4 (1851).*Rhaphicera Satricus*, *Butler, Ann. & Mag. Nat. Hist.* 3rd ser. xix. p. 164. n. 1, pl. 4. fig. 3 (1867).

Eastern Himalayas.

♀, B.M.

2. *Rhaphicera Moorei*.♀. *Rhaphicera Moorei*, *Butler, Ann. & Mag. Nat. Hist.* 3rd ser. xix. p. 164. n. 2, pl. 4. figs. 4, 4a (1867).

North-western Himalayas.

♀, Coll. Moore.

Genus 53. RAGADIA, *Westwood* (1851).Typical Species, *Ragadia Crisia*.1. *Ragadia Crisia*.*Euptychia Crisia*, *Hübner, Zuträge*, figs. 675, 676 (1806).*Neonympha (Ragadia) Crisia*, *Westwood in Gen. Diurn. Lepid.* p. 376. n. 26 (1851).*Hipparchia Makuta*, *Horsfield, Cat. Lep. Mus. East-Ind. Comp.* tab. 5. figs. 9, 9a (1829).*Ragadia Makuta*, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* i. p. 226. n. 473 (1857).

Java (Moore), Borneo, East Indies.

B.M.

2. *Ragadia Luzonia*.*Ragadia Luzonia*, *Felder, Wien. ent. Monats.* v. p. 304 (1861).

Luzon (Coll. Semper and Felder), Philippines.

B.M.

3. *Ragadia Melindena*.♀. *Ragadia Melindena*, *Felder, Lep. Nov. Ins. Philipp. in Lep. Diagn.* p. 45. n. 99.

Mindanao.

According to Felder, intermediate between (*Makuta*) *Crisia* and *Luzonia*; it can scarcely be more than a variety of the latter.4. *Ragadia Crisilda*.*Ragadia Crisilda*, *Hewitson, Exot. Butterf.* iii. p. 98, pl. 49. figs. 5, 6 (1862).

Sylhet.

Coll. Hewitson.

Genus 54. ACROPHTALMIA (*sic*), *Felder* (1861).Typical Species *Acrophtalmia Artemis*.1. *Acrophtalmia Artemis*.*Acrophtalmia Artemis*, *Felder, Wien. ent. Monatschr.* v. p. 305 (1861).

Luzon (Coll. Semper and Felder), Philippines.

B.M.

2. *Acrophtalmia Chione*.*Acrophtalmia Chione*, *Felder, Nov. Voy.* iii. tab. 68. figs. 12, 13 (published Sept. 1867).

Ternate.

B.M.

3. *Acrophtalmia Leuce*.*Acrophtalmia Leuce*, *Felder, Nov. Voy.* iii. p. 486. n. 828 (1867).Celebes (*Felder*).Genus 55. ARGYROPHENGA, *Doubleday* (1845).Typical Species *Argyrophenga Antipodum*.1. *Argyrophenga Antipodum*.*Argyrophenga Antipodum*, *E. Doubleday, Ann. & Mag. Nat. Hist.* xvi. p. 307 (1845); also of *Westwood*.

New Zealand.

B.M.

Genus 56. ARGYROPHORUS, *Blanchard* (1852).Typical Species *Argyrophorus argenteus*.1. *Argyrophorus argenteus*.*Argyrophorus argenteus*, *Blanchard in Gay's Fauna Chilena*, vii. p. 30, lam. 2. figs. 9-11 (1852) (*Chionobas Arg. on plate*).

Chili.

2. *Argyrophorus Williamsianus*, *White*, MS. Pl. IV. fig. 1.

Alæ supra fuscae, puncto subapicali indistincto nigro, ferrugineo cincto, punctoque ferrugineo subanali; ciliis albo variis.

Alæ anticae subtus ochreo-ferrugineae, margine externo fuscescente; macula elongata subapicali nigra; ciliis albis fusco variis: posticae fuscae, venis apud basim albis, fascia media valde irregulari nigro-fusca a venis interrupta; maculis quinque discalibus nigris, secunda majore distincta, aliis indistinctis; ciliis albis.

Exp. alar. unc. $1\frac{1}{16}$.

Port Famine.

B.M.

Genus 57. *ÆNEIS*, *Hübner* (1816).Typical Species, *Æneis Norna* of *Esper*.1. *Æneis Jutta*.♀. *Papilio Jutta*, *Hübner*, *Eur. Schmett.* i. pl. 120. figs. 614, 615 (1805).*Æneis Jutta*, *Hübner*, *Verz. bek. Schmett.* p. 58. n. 560 (1816).*Chionobas Jutta*, *Boisduval*, *Icon. Hist. Léop.* p. 187. n. 3, pl. 38. figs. 1-4 (1832); also of *Herrich-Schäffer*.*Satyrus Jutta*, *Duponchel*, *Lép. de France*, i. p. 250. n. 91, pl. 40. figs. 3-5 (1832); also of *Zetterstedt* (1840).♀ *Var. Chionobas* *Balder*, *Herrich-Schäffer*, *Eur. Schmett.* i. tab. 79. figs. 385, 386 (1845).

Arctic America.

B.M.

Var. BALDERI.*Eumenis Balderi*, *Hübner*, *Zuträge Exot. Schmett.* figs. 981, 982 (1806).*Satyrus Balder*, *Boisduval* in *Guérin's Règne Animal*, p. 487, pl. 80. fig. 1 (1829-44); also of *Le Conte* (1833).*Chionobas Balder*, *Boisduval*, *Icon. Hist. Léop.* p. 189. n. 4, pl. 39. figs. 1-3 (1832); also (part.) *Herrich-Schäffer*.

Polar Regions, Hudson's Bay, Lapland (Westw.).

This form is not in the British-Museum Collection. The species included by Mr. Doubleday in his catalogue is the true *Jutta*. *Balderi* is allowed by Mr. Seudder and others to be nothing more than a variation from the true type of *Jutta*. It chiefly differs in being smaller, with more distinct fulvous bands and fewer ocelli. It may be a race, but can scarcely be separated as a species.

2. *Æneis Aello*.*Papilio* (Nymph. Phal.) *Aello*, *Esper*, *Schmett.* i. pt. 2. tab. 115. cont. 70. fig. 1 (1777).*Papilio Aello*, *Hübner*, *Eur. Schmett.* i. pl. 102. figs. 519-521 (1805); also of *Ochsenheimer* (1807).*Eumenis Aello*, *Hübner*, *Verz. bek. Schmett.* p. 58. sp. 554 (1816).*Satyrus Aello*, *Godart*, *Enc. Méth.* ix. p. 518. n. 15 (1819); also of *Zetterstedt* (1840), but not of *Herrich-Schäffer*.*Var. Chionobas Aello*, *Boisduval*, *Icon. Hist. Léop.* i. p. 183, pl. 36. figs. 1-3 (1832); also of *Duponchel* (*Satyrus Aello*).*Var. ? Papilio Norna*, *Hübner*, *Eur. Schmett.* i. pl. 31. figs. 141, 142, & 142* (1805).

Alps.

B.M

3. *Æneis Tarpeia*.

Papilio (Nymph. Gemm.) *Tarpeia*, *Esper*, *Schmett.* i. pt. 2. tab. 83. cont. 23. figs. 1, 2 (1777).

Papilio Tarpeia, *Ochsenheimer*, *Schmett. v. Eur.* i. p. 203. n. 18 (1807).

Satyrus Tarpeius, *Duponchel*, *Lép. de France*, i. p. 207. n. 71, pl. 31. figs. 6, 7 (1832); also of *Zetterstedt* (1840).

Papilio Tarpeja, *Borkhausen*, *Naturgesch. eur. Schmett.* i. p. 101. n. 41 (1788), ii. p. 209. n. 41 (1789); *Hübner*, *Eur. Schmett.* i. pl. 156. figs. 779–782 (1805).

Eumenis Tarpeja, *Hübner*, *Verz. bek. Schmett.* p. 58. n. 556 (1816).

Papilio (*Hipparchia*) *Tarpeja*, *Freyer*, *Neuere Beiträge*, v. p. 75. n. 753, tab. 427. figs. 3, 4 (1845).

Chionobas Tarpeja, *Herrich-Schäffer*, *Eur. Schmett.* i. tab. 13. figs. 61–64.

Papilio Celimene, *Cramer*, *Pap. Exot.* iv. p. 169, pl. 376. figs. E, F (1782).

Arctic America.

B.M.

Var. NANNA.

Chionobas Nanna, *Ménétriés*, *Bull. Acad. St. Pétersb.* tom. xvii. p. 216. n. 15 (1844); *Schrenck*, *Fauna Lepid. Sibér. orient. et l'Amour*, p. 38. n. 72, tab. 3. fig. 5 (1859).

River Amoor (*Schrenck*).

4. *Æneis Chryxus*.

Chionobas Chryxus, *Hewitson in Gen. Diurn. Lepid.* p. 383. n. 13, pl. 64. fig. 1 (1851).

Rocky Mountains.

B.M.

5. *Æneis Nevadensis*.

Chionobas Nevadensis, *Felder*, *Reise der Fregatte Novara*, iii. tab. 62. figs. 4, 5 (1867).

California, Sierra Nevada (*Felder*).

Closely allied to a new species from Vancouver's Island in the National Collection. It must come next to *Chryxus*.

6. *Æneis gigas*, sp. nov. Pl. II. fig. 2.

♂. Alæ supra fulvæ: anticæ elongatæ, marginibus costali et externo fuscis; fascia lata basali obliqua nigro-fusca; area basali rufo-fuscescente; ocellis duobus distinctis nigris albo pupillatis, superiore paulum majore: posticæ margine externo fusco undulato; ocello subanali nigro, albo pupillato; ciliis omnibus fuscis albo variis: corpus nigrum: antennis subferrugineis.

Anticæ subtus pallidiores, area basali minime fuscescente; costa et apice albicantibus et nigro lituratis; ocellis velut supra; margine externo fuscescente; ciliis albo variis: posticæ nivæ fusco lituratæ; fascia media velut in *Celæno* fere, irregulari, fuscescente, nigro-fusco limitata; nebula fusca basali, et altera marginali lata, punctos tres albos includente; ocello velut supra, sed minore; maculis ad venarum fines nigris; ciliis albo variis.

Exp. alar. unc. $2\frac{5}{8}$.

Vancouver's Island.

B.M.

7. *Æneis* Urda.

Hipparchia Urda, *Eversmann in Bull. Soc. Imp. Nat. Mosc.* xx. pt. 3. p. 69. n. 4, tab. 2. figs. 1-4 (1847).

Chionobas Urda, *Herrich-Schäffer, Eur. Schmett.* i. tab. 97. figs. 461-463.

Dauria.

8. *Æneis* Norna.

♀. Papilio (Nymph. Gemm.) Norna, *Esper, Schmett.* i. pt. 2. p. 82, tab. 108. cont. 63. fig. 4 (1777).

Papilio Norna, *Thunberg, Diss. Acad. Ins. Su.* tab. 5. fig. 11 (1801); also of *Hübner* and *Ochsenheimer*.

Æneis Norna, *Hübner, Verz. bek. Schmett.* p. 58. sp. 557 (1816).

Satyrus Norna, *Godart, Enc. Méth.* ix. p. 518. n. 116 (1819).

Var. Papilio Hilda, *Schneider, Magaz.* iv. p. 414. n. 3, v. p. 585 (1787-8).

Var. Chionobas Norna, *Boisduval, Icon. Hist. Lép.* p. 185. n. 2, pl. 36. figs 4-6 (1832).

Satyrus Norna, *Duponchel, Lép. de France*, i. p. 205. n. 70, pl. 31. figs. 4, 5 (1832).

Lapland.

♂ ♀, B.M.

Var. *CELÆNO*.

♂. Papilio Celæno, *Hübner, Eur. Schmett.* i. pl. 34. figs. 152, 153 (1805).

Lapland.

♂ ♀, B.M.

Var. *FULLA*.

Hipparchia (Chionobas) Fulla, *Eversmann in Bull. Soc. Imp. Nat. Mosc.* p. 614 (1851).

Chionobas Fulla, *Herrich-Schäffer, Eur. Schmett.* i. tab. 127. figs. 615, 616; also of *Westwood* (Bore, var.?) (1852).

Eastern Siberia.

This form differs very little from *Celæno*.

9. *Æneis Uhleri*.

Chionobas Uhleri, *Reakirt, Proc. Ent. Soc. Philad.* vi. p. 143 (1866).

Rocky Mountains, Colorado Territory.

10. *Æneis Sculda*.

Hipparchia (Chionobas) Sculda, *Eversmann, Bull. Soc. Imp. Nat. Mosc.* p. 612 (1851).

Chionobas Sculda, *Herrich-Schäffer, Eur. Schmett.* i. tab. 127. figs. 613, 614.

Eastern Siberia.

Nearly allied to *Norna*, but with central band resembling that of *Crambis*.

11. *Æneis Crambis*.

Papilio (Hipparchia) Crambis, *Freyer, Neuere Beiträge*, v. p. 99. n. 783, tab. 440. figs. 3, 4 [not good] (1845).

Chionobas Crambis (Ch. Bore, var.), *Westwood in Gen. Diurn. Lepid.* p. 383. n. 11 (1851).

Chionobas (Æno) (synonym), *Scudder, Proc. Ent. Soc. Philad.* v. n. 5 (1865).

Lapland (Freyer), Arctic America.

♂ ♀, B.M.

12. *Æneis Æno*.

Chionobas (Æno) Boisduval, Icon. Hist. Léop. p. 195. n. 7, pl. 39. figs. 4-6 (1832); also of *Herrich-Schäffer, Eur. Schmett.* ♀ var., *ibid.* i. tab. 27. figs. 123, 124 (1845).

Var. Chionobas Also, Boisduval, Icon. Hist. Léop. p. 197. n. 8, pl. 40. figs. 1, 2 (1832); also of *Herrich-Schäffer, Westwood, &c. (B.M.). Exitiosa, Harris (Boisd. cit.).*

Arctic America, Repulse Bay.

B.M.

13. *Æneis assimilis*, sp. nov. Pl. II. fig. 10.

Alæ supra forma et colore *subhyaline*; subtus coloribus *Ænonis*, fascia autem posticarum minus distincta et ad costam latiore, ob quam rem causam, multo magis regulari.

Exp. alar. unc. $1\frac{1}{5}$.

Repulse Bay.

B.M.

This species is closely allied to *Æno*, but with longer wings and differently formed central band.

14. *Æneis semidea*.

Hipparchia semidea, *Say, Amer. Ent.* iii. pl. 50 (1828).

M 2

Chionobas semidea, *Edwards in Morr. Syn. Lepid. N. Amer.* p. 351 (1860); also of *Scudder (Bost. Journ. vii.)*.

Cænonympha semidea, *Morris, Syn. Lep.* p. 80 (1860).

White Mountains.

B.M.

15. *Æneis subhyalina*.

Hipparchia subhyalina, *Curtis in Append. Ross's Narrative N. W. Passage*, p. 68. n. 13 (1835).

Erebia subhyalina, *Westwood in Gen. Diurn. Lepid.* p. 380. n. 56 (1851).

Arctic America.

B.M.

We do not possess the type of this species; but our specimens agree exactly with Mr. Curtis's description. They come near *Taygete*, but are of a more smoky colour.

16. *Æneis Taygete*.

Æneis Taygete, *Hübner, Samml. exot. Schmett.* iii. (1806-24).

Chionobas Taygete (part.), *Herrich-Schäffer, Eur. Schmett.* i. tab. 24. figs. 114, 115 (1845); also of *Westwood and Edwards*, ♀ (1862).

Chionobas Calais, *Scudder, Proc. Ent. Soc. Philad.* v. n. 3 (1865).

Labrador.

B.M.

17. *Æneis Bore*.

Papilio (Dan. Cand.) *Bore*, *Esper, Schmett.* i. pt. 2. tab. 100. cont. 55. fig. 1 (1777).

Æneis Bore, *Hübner, Verz. bek. Schmett.* p. 58. sp. 558 (1816).

Erebia Bore, *Dalman, Pap. Su.* p. 80. n. 7 (1824).

Chionobas Bore, *Boisduval, Icon. Hist. Léop.* p. 193. n. 6, pl. 37. figs. 1-3 (1832).

Papilio Polixenes, *Fabricius, Ent. Syst.* iii. pt. 1. p. 152. n. 466 (1793).

Neonympha ? *Polixenes*, *Westwood in Gen. Diurn. Lepid.* p. 503. n. 131 (1851).

Var. Papilio (Nymph. Gemm.) *Norna*, *Schneider, Mag.* iv. p. 415. n. 4 (1787).

Papilio Norna, var. γ , *Thunberg, Diss. Acad.* p. 50 (1801).

Var. Satyrus Bore, *Duponchel, Léop. de France*, i. p. 209. n. 72, pl. 32. figs. 1, 2 (1832).

Var. ? ♂. Papilio Fortunatus, *Fabricius, Ent. Syst.* iii. pt. 1. p. 214. n. 670 (1793).

Satyrus Fortunatus, *Godart, Enc. Méth.* ix. p. 519. n. 117 (1819).

Lapland.

♂ ♀, B.M.

Var. Bootes.

Eumenis ? *Bootes*, *Hübner*, *Eur. Schmett.* i. figs. 1025–1028 (1805).

Chionobas Bootes, *Boisduval*, *Icon. Hist. Lép.* p. 191. n. 5, pl. 37. figs. 4–6 (1832) ; var. ♀, *Herrich-Schäffer*, tab. 80 (1845).

Satyrus Bootes, *Duponchel*, *Lép. de France*, i. p. 211. n. 73, pl. 32. figs. 3–5 (1832).

Papilio Bore, *Hübner*, *Eur. Schmett.* i. pl. 29. figs. 134–136 (1805) ; also of *Ochsenheimer*.

Chionobas Taygete (part.), *Herrich-Schäffer*, *Eur. Schmett.* i. tab. 24. figs. 112, 113 (1845).

Lapland, Labrador.

B.M.

This form is now generally allowed to be no more than a variety of *Bore*. It may be distinct ; for the central band is not identical with that of *Bore*, being much less irregular and better defined. The upper side of the wings is of a brighter ochre-colour with darker lines, and the underside less streaked with minute striae. However, it may be as well to consider it nothing more than a race.

18. *Cœneis pumilus*.

Chionobas pumilus, *Felder*, *Reise der Fregatte Novara*, iii. tab. 69. figs. 6, 7 (1867).

Eastern Himalayas.

Seems closely allied to *Bore* of *Esper* ; but according to *Felder* it is distinct from all the known species.

Genus 58. ARGYNNINA, *Butler* (1867).1. *Argynnina Hobartia*.

Lasiommata Hobartia, *Westwood in Gen. Diurn. Lepid.* p. 387. n. 21 (1851).

Argynnina Hobartia, *Butler*, *Ann. & Mag. Nat. Hist.* 3rd ser. xix. p. 165. n. 1 (1867).

Lasiommata Lasus, *Hewitson*, *Trans. Ent. Soc. London*, 3rd ser. ii. p. 248. n. 9, pl. 16. fig. 5 (1865).

Van Diemen's Land.

B.M.

2. *Argynnina Lathoniella*.

Lasiommata ? (*Xenica*) *Lathoniella*, *Westwood in Gen. Diurn. Lepid.* p. 387. n. 25 (1851).

Argynnina Lathoniella, *Butler*, *Ann. & Mag. Nat. Hist.* 3rd ser. xix. p. 165. n. 2, see pl. 4. fig. 6 (1867).

Van Diemen's Land.

B.M.

3. *Argynnina* *Leprea*.

Lasiommata *Leprea*, *Hewitson in Trans. Ent. Soc. London*,
3rd ser. ii. p. 249. n. 10, pl. 16. figs. 6, 7 (1865).

Australia (Hewitson).

Genus 59. *GEITONEURA*, *Butler* (1867).

Typical Species *Geitoneura Klugii*.

1. *Geitoneura Klugii*.

♀. *Satyrus Klugii*, *Guérin, Voy. Coquille, Atlas, Ins.* pl. 17.
fig. 2 (1826).

♂ ♀. *Geitoneura Klugii*, *Butler, Ann. & Mag. Nat. Hist.* 3rd ser.
xix. p. 165. n. 1 (1867).

♂. *Satyrus* *Singa*, *Boisduval, Voy. de l'Astrolabe Entom.* pt. 1.
p. 144 (1832-33).

Lasiommata ? (*Xenica*) *Singa*, *Westwood in Gen. Diurn. Lepid.*
p. 387. n. 23 (1851).

Lasiommata *Philerope* (part.), *Westwood, ibid.* n. 19 (1851).

King George's Sound, New Holland.

B.M.

2. *Geitoneura Achanta*.

Papilio Achanta, *Donovan, Ins. New Holland*, pl. 22. fig. 2
(1805).

Satyrus Achanta, *Godart, Enc. Méth.* ix. p. 500 (1819); *Bois-*
duval, Voy. de l'Astrolabe, Entom. pt. 1. p. 147 (1832-33).

Lasiommata ? (*Xenica*) *Achanta*, *Westwood in Gen. Diurn.*
Lepid. p. 387. n. 22 (1851).

Xenica Achanta, *F. Moore, Cat. Lep. Mus. East-Ind. Comp.* i.
p. 228. n. 479 (1857).

Geitoneura Achanta, *Butler, Ann. & Mag. Nat. Hist.* 3rd ser.
xix. p. 165. n. 2 (1867).

Tisiphone Acanthe, *Hübner, Zuträge*, figs. 267, 268 (1806).

New Holland.

B.M.

3. *Geitoneura* ? *Cordace*.

Tisiphone Cordace, *Hübner, Zuträge Exot. Schmett.* figs. 797,
798 (1806).

Lasiommata Cordace, *Westwood in Gen. Diurn. Lepid.* p. 387.
n. 13 (1851).

East India.

Genus 60. HYPOCYSTA, *Westwood* (1851)*.Typical Species *Hypocysta Irius*.1. *Hypocysta Hygea*.*Hypocista Hygea*, *Hewitson, Exot. Butterf.* iii. p. 99, pl. 50. figs. 2, 3 (1863).

Aru Islands.

B.M.

2. *Hypocysta Hecaerge*.*Hypocista Hecaerge*, *Hewitson, Exot. Butterf.* iii. p. 99, pl. 50. figs. 4, 5 (1863).

New Guinea.

B.M.

3. *Hypocysta Hæmonia*.*Hypocista Hæmonia*, *Hewitson, Exot. Butterf.* iii. p. 99, pl. 50. fig. 1 (1863).

Aru Islands.

B.M.

4. *Hypocysta Osyris*.*Satyrus Osyris*, *Boisduval, Voy. de l'Astrolabe, Entom.* pt. 1. p. 154 (1832-33).*Satyrus?* *Osyris*, *Westwood in Gen. Diurn. Lepid.* p. 392. n. 48 (1851).*Hypocysta Osyris*, *Felder in Wien. ent. Monatschr.* iv. n. 88, Taf. 10. fig. 5 (1860).

Aru Islands.

B.M.

Var. *Alis anticis magis fusciscentibus, posticis magis albican-*
tibus.

Dorey (New Guinea).

B.M.

5. *Hypocysta Irius*.*Papilio Irius*, *Fabricius, Syst. Ent.* p. 487 (1775-78); *Donovan, Ins. New Holland*, pl. 28. fig. 1 (1805).*Satyrus Irius*, *Godart, Enc. Méth.* ix. p. 548. n. 177 (1819); also of *Boisduval* (1832-33).*Cænonympha Irius*, *Westwood in Gen. Diurn. Lepid.* p. 398. n. 27 (1851).*Neonympha Adiante*, *Hübner, Zuträge Exot. Schmett.* figs. 545, 546 (1806).

New Holland.

B.M.

* This genus is only briefly characterized by *Westwood* in a remark on the variation of the genus *Cænonympha*, *Gen. Diurn. Lepid.* p. 397, lines 7-10 (1851).

6. **Hypocysta Antirius.** Pl. IV. fig. 9.

Alæ fulvæ, apice, margine externo et sæpe costa nigris: posticæ ocello minuto (rarius indistincto) nigro, argenteo pupillato; margine externo fuscescente.

Alæ subtus pallidiores, marginibus plerumque fusciscentibus: posticæ area basali angulariter obscuriore; ocellis duobus distinctis, uno apicali, altero anali, æqualibus, nigris, iride fulva, margine fusco, cinctura pupillaque argenteis; puncto interjecto et linea marginali argenteis.

Exp. alar. unc. $1\frac{1}{8}$ – $1\frac{5}{8}$.

Moreton Bay, Australia.

B.M.

Var. Linea media subtus dentata; marginibus supra nigerrimis.

North-west Australia.

B.M.

7. **Hypocysta Euphemia.**

Cænonympha (Hypocysta) *Euphemia*, *Hewitson & Westwood in Gen. Diurn. Lepid.* p. 398. n. 28, pl. 67. fig. 3 (1851).

New Holland.

B.M.

Genus 61. ETEONA, *Westwood* (1851).

Typical Species *Eteona Tisiphone*.

1. **Eteona Tisiphone.**

Panopæa Tisiphone, *Hübner, Zuträge Exot. Schmett.* figs. 911, 912 (1806).

Euterpe Tisiphone, *Boisduval, Sp. Gén. Lép.* pt. 1. p. 411. n. 8 (1836).

Eteona Tisiphone, *E. Doubleday, List Lep. Brit. Mus. App.* p. 21 (1848); also of *Hewitson & Westwood in Gen. Diurn. Lepid.* pl. 42. fig. 3 (1851).

Chili.

B.M.

2. **Eteona Eupolis.**

Eteona Eupolis, *Hewitson in Trans. Ent. Soc. London*, ser. 3. ii. p. 247. n. 6, pl. 16. fig. 2 (1865).

Rio Janeiro.

Coll. Hewitson and B.M.

Genus 62. LYMANOPODA, *Westwood* (1851).

Typical Species *Lymanopoda Samius*.

1. **Lymanopoda obsoleta.**

Lymanopoda (Sarromia) *obsoleta*, *Westwood & Hewitson in Gen. Diurn. Lepid.* p. 402. n. 3, pl. 67. fig. 5 (1851).

Bolivia, Bogota.

♂, B.M.

Var. Minor, ocellis subtus distinctis.

Venezuela.

♂ ♀, B.M.

The female differs a good deal from the male, more especially in the colouring of the underside, the front wings being ferruginous brown; the apex, costa, and a large, somewhat wedge-shaped subanal patch ochreous. There are also two circular transparent spots near the apex. The hind wings are pale ochreous brown, with the base and a transverse interno-discal subcentral band and one or two scarcely perceptible submarginal nebulae dun-coloured.

2. *Lymanopoda lactea*.

Lymanopoda lactea, Hewitson, *Journal of Entomology*, p. 157. sp. 2, pl. 9. figs. 2, 3 (1862).

New Granada (Hewitson).

3. *Lymanopoda Samius*.

♂. *Lymanopoda Samius*, Westwood & Hewitson *Gen. Diurn. Lepid.* p. 402. n. 1, pl. 67. fig. 6 (1851).

Bogota (New Granada).

♂, B.M.

4. *Lymanopoda Ionius*.

♂. *Lymanopoda Ionius*, Westwood in *Gen. Diurn. Lepid.* p. 402. n. 2 (1851).

♂ as ♀. *Lymanopoda Samius*, Hewitson & Westwood, *op. cit.* pl. 67. fig. 7 (1851).

Bogota.

♂, B.M.

The types of *L. Samius* and *Ionius* have been carefully examined, and there seems no doubt that they are both males.

5. *Lymanopoda ferruginosa*, sp. nov. Pl. IV. fig. 3.

Alae apice anticarum convexo; margine interno brevior; supra punctis duobus albidis, uno subapicali, altero discali; posticæ marginis medio magis productæ; hæ quoque subtus maculis omnibus magnis discalibus aurantiacis nec argenteis; macula autem discoidea fulvo-argentea: aliter velut in *L. Labda* (Hewits.).

Exp. alar. unc. $1\frac{9}{16}$.

Bolivia.

B.M.

This beautiful little species is closely allied to *Labda*, from which it chiefly differs in the rounded apex and short inner margin of the front wings, which show two white points on the upperside, also in all the larger silver spots on the underside of the hind wings being replaced by orange ones, the discoidal streak, however, being of a yellowish silver-colour.

6. *Lymanopoda Lebbæa*.

Lymanopoda Lebbæa, *Felder, Reise der Fregatte Novara*, iii.
p. 473. n. 810 (1867).

Bogota (Felder).

Dr. Felder says of this species that it stands near *L. Labda* of Hewitson, of which he only knows the figure, but that in the form of its wings it approaches *L. Ioniüs* of Westwood.

7. *Lymanopoda Lanassa*.

Lymanopoda Lanassa, *Felder, Reise der Fregatte Novara*, iii.
p. 474. n. 811 (1867).

Bogota (Felder).

Differs from *Leæna*, Hewits., in having longer wings and a narrower ochraceous band below.

8. *Lymanopoda apiculata*.

Lymanopoda apiculata, *Felder, Reise der Fregatte Novara*, iii.
p. 474. n. 812 (1867).

Bogota (Felder).

"Larger than *Leæna*, the wings longer within, the outer margin gently undulated below the apex."

9. *Lymanopoda perita*.

Pronophila perita, *Hewitson, Exot. Butterf.* iv. pl. incog. fig. 25
(1868).

Ecuador.

Coll. Hewitson.

It is difficult to say whether this is a *Lymanopoda*; but it certainly looks like one; an examination of the cell of the front wings would at once settle the question.

10. *Lymanopoda Labda*.

Lymanopoda Labda, *Hewitson, Journal of Entomology*, p. 157.
sp. 3, pl. 9. fig. 4 (1862).

New Granada.

B.M.

11. *Lymanopoda Leæna*.

Lymanopoda Leæna, *Hewitson, Journal of Entomology*, p. 156.
sp. 1, pl. 9. fig. 1 (1862).

New Granada (Quito), Amazon (Nauta).

B.M.

12. *Lymanopoda albocincta*.

Lymanopoda albocincta, Hewitson, *Journal of Entomology*,
p. 157. sp. 4, pl. 9. fig. 5 (1862).

Bogota.

B.M.

13. *Lymanopoda albomaculata*.

Lymanopoda albomaculata, Hewitson, *Journal of Entomology*,
p. 158. sp. 5, pl. 9. fig. 6 (1862).

Bolivia.

B.M.

Allied to *albocincta*, but differing considerably in the band of the underside.

14. *Lymanopoda venosa*, sp. nov. Pl. IV. fig. 5.

Alæ supra forma *albomaculata*, fuscae, margine apicali minime dilutiores.

Alæ subtus pallidiores, venis, et furca posticarum discoidea, nigris: anticæ maculis tribus decreescentibus subhastatis marginalibus mediis ferrugineis.

Exp. alar. unc. 2.

Bolivia.

B.M.

The form and size of *albomaculata*; coloured below something like an *Acræa*. The entire upperside and the underside of the front wings in our specimen, when magnified, are seen to be sprinkled over with gold scales.

15. *Lymanopoda Acræida*, sp. nov. Pl. IV. fig. 6.

Alæ elongatæ, supra rufo-fuscae, fascia anticis submarginali rufo-ferruginea subarcuata a venis nigris interrupta, maculas sex sic formante; puncto in serie eadem costali albido: posticæ inter venas squamis nonnullis rufis indistinctissime sparsæ.

Alæ subtus pallidiores: anticæ cinerascens, costa discoidea ferruginea; fascia marginali intus bene limitata, extus fulvo diffusa, margine externo et apice olivaceo-fuscescentibus, a venis plicisque nigris interrupta: posticæ olivaceo-fuscae, basi diffuse rufescente, macula parva sub cellæ extimum et margine externo paulum rufescentibus, venis plicisque nigerrimis.

Exp. alar. unc. 2 $\frac{3}{4}$.

Bolivia.

B.M.

There can be little doubt that this species mimics some form of *Acræa*. It is longer in the wing than any of the known species of *Lymanopoda*.

Genus 63. *STEROMA*, *Westwood* (1851).Typical Species *Steroma Bega*.1. *Steroma Bega*.*Steroma Bega*, *Hewitson & Westwood, Gen. Diurn. Lepid.* p. 400.
n. 1, pl. 67. fig. 6 (1851).

Venezuela.

B.M.

Local form. ANDENSIS.*Steroma Andensis*, *Felder, Reise der Fregatte Novara*, iii. p. 475.
n. 814 (1867).

Bogota (Felder), Bolivia.

B.M.

2. *Steroma pronophila*.*Steroma pronophila*, *Felder, Reise der Fregatte Novara*, iii.
p. 475. n. 815 (1867).

Bogota.

B.M.

3. *Steroma superba*, sp. nov. Pl. V. fig. 6.

♂. Alæ supra picco-nigræ, marginibus rufescentibus: anticæ macula permagna discali ovali sericea; areola basali alarum omnium brunneo rorata.

Alæ subtus pallidiores: anticæ cupreo-fusæ, nitentes; area basali fuscescente, margine basali nigro variegato; apice ochraceo punctato: posticæ fusæ, nigro irregulariter passim variegatæ; macula parva cellulari et altera costali ochréo-argenteis; punctis septem ochraceis quasi ocellis submarginalibus; ocello minutissimo anali, nigro, bipupillato; puncto longitudinali infraanali, squamisque nonnullis marginalibus sparsis violaceis.

Exp. alar. unc. $2\frac{1}{4}$.

Bolivia.

B.M.

This is the largest species of *Steroma* yet described; it is of nearly the same shape and size as *Callerebia scanda*, Kollar; the wings are strongly produced, and the hind wings are waved, as in *Steroma pronophila*, Felder.Genus 64. *PEDALIODES*, *Butler* (1867)*.Typical Species *Pedaliodes Poësia*.1. *Pedaliodes Poësia*.*Pronophila Poësia*, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i.
p. 6. n. 10, pl. 3. fig. 19 (1861).

Bogota.

B.M.

* Ann. & Mag. Nat. Hist. xx. p. 267, fig. 1.

2. Pedaliodes Proerna.

Pronophila Proerna, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 9. n. 19, pl. 4. fig. 29 (1861).

Bogota. B.M.

Var. Macula subanali posticarum subtus majore.

Bolivia. B.M.

This chiefly differs from the preceding species in wanting the costal white spot on the underside of the hind wings. It is very doubtful if it is more than a variety of *Poesia*.

3. Pedaliodes granulata, sp. nov. Pl. IV. fig. 8.

? Pronophila Perperna, *Felder, Reise der Fregatte Novara*, iii. p. 468. n. 797 (1867).

Bogota (Felder). ? *id.* B.M.

"Larger than *P. Proerna*, Hewits., the margins of the wings more deeply sinuated." Dr. Felder seems entirely to have overlooked Mr. Hewitson's description of a species under the name of *Perperna*; indeed he has redescribed the latter under the name of *satyroides*.

4. Pedaliodes empusa.

Pronophila empusa, *Felder, Reise der Fregatte Novara*, iii. p. 468. n. 798 (1867).

Bogota (Felder).

Much smaller than *Proerna*, the underside of the hind wings resembling *Poesia*.

5. Pedaliodes Pisonia.

♀. Pronophila Pisonia, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 6, pl. 3. fig. 21, not 20 (1861).

Pronophila dejecta, *H. W. Bates, Ent. Month. Mag.* i. p. 179. n. 71 (1865).

Venezuela, (var.) Guatemala (Bates). ♂ ♀, B.M.

The insect described, and the variety of the same figured, as the male of this species seems to represent another form, as we have both sexes of *Pisonia* of equal size and perfectly similar in colour and pattern.

6. Pedaliodes Perperna.

♂ ♀. Pronophila Perperna, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 16 (1861).

Pronophila satyroides, *Felder, Reise der Fregatte Novara*, iii. p. 469. n. 801 (1867).

Venezuela. ♂. B.M.

We do not possess the female of this insect ; the male differs from *Pisonia* in having an ocellus and a white spot on the underside of the front wings.

7. *Pedaliodes Phantias*.

Pronophila Phantias, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 6. n. 10, pl. 3. fig. 18 (1861).

Minas Geraes.

Coll. Hewitson.

8. *Pedaliodes Manis*.

♂ ♀. *Pronophila Manis*, *Felder, Reise der Fregatte Novara*, iii. p. 469. n. 799 (1867).

♂. *Pronophila Pisonia*, var., *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 6, pl. 3. fig. 20 (1861).

Bogota (Felder), Venezuela and (var.) Bogota.

B.M.

Our Bogota specimen differs from the Venezuela examples as follows:—

♂. Alæ margine externo minus undulato ; alæ posticæ subtus minus rufescentes ; alæ anticæ magis productæ.

Var. EREIBA.

♂. *Pronophila Ereiba*, *Felder, Reise der Fregatte Novara*, iii. p. 469. n. 800 (1867).

Bogota (Felder), Venezuela.

♂ ♀, B.M.

This differs very little from the preceding species, of which it is most likely only a variety.

Var. b. Alæ margine subintegro rotundato ; fasciis subtus minus dentatis et confusis.

Bolivia.

♂, B.M.

Var. c. Alæ subtus fasciis obsoletis, margine subanali interno quadrate fulvescente.

Bolivia.

♂?, B.M.

Var. d. Macula subanali subtus distinctiore et lutescente, velut in *Phænissa* formata.

Quito.

♀, B.M.

This last variety is much like the Upper-Amazon insect figured by Mr. Hewitson as a variety of *Paneis*.

9. *Pedaliodes Paneis*.

♂? *Pronophila Paneis*, *Hewitson, Trans. Ent. Soc. London*,

ser. 3. i. p. 8. n. 17, pl. 4. fig. 27 (1861), ♂ var. pl. 4. fig. 26 ;
var. ? *Exot. Butterf.* 4. pl. incog. fig. 27 (1868).

Nauta (Upper Amazon).

♂, B.M.

10. *Pedaliodes decorata*.

Pronophila decorata, *Felder, Reise der Fregatte Novara*, iii.
p. 470. n. 802, tab. 67. fig. 11 (1867).

Bogota.

B.M.

This and the following species differ slightly from the remaining species of *Pedaliodes*, but not sufficiently to warrant their separation as a genus. The colouring of the hind wings on the underside seems to indicate an affinity to the *Manis* group; but the plumbaceous bands give them a very distinct appearance.

11. *Pedaliodes Porphyria*.

Pronophila Porphyria, *Felder, Reise der Fregatte Novara*, iii.
p. 470. n. 803 (1867).

Venezuela.

B.M.

The front wings in this species have a broader and more clumsy appearance than those of *decorata*.

12. *Pedaliodes Apuleja*.

Pronophila Apuleja, *Felder, Reise der Fregatte Novara*, iii. p. 471.
n. 804 (1867).

Venezuela.

id. ? B.M.

The wings are shorter than in the two preceding species.

13. *Pedaliodes ocellifera*.

Pronophila ocellifera, *Felder, Reise der Fregatte Novara*, iii.
p. 471. n. 805 (1867).

Bogota (Felder).

Coll. Salvin.

14. *Pedaliodes encycla*.

Pronophila encycla, *Felder, Reise der Fregatte Novara*, iii.
p. 472. n. 806 (1867).

Venezuela.

B.M.

15. *Pedaliodes Phyllalia*.

Pronophila Phyllalia, *Hewitson, Exot. Butterf.* iv. pl. incog.
figs. 21, 22 (Jan. 1868).

Ecuador.

Coll. Hewitson.

16. **Pedaliodes Calisto.**

Pronophila Calisto, *Felder, Reise der Fregatte Novara*, iii. p. 472.
n. 807 (1867).

Bogota (Felder).

17. **Pedaliodes oculata.**

Pronophila oculata, *Felder, Reise der Fregatte Novara*, iii.
p. 472. n. 808 (1867).

Bogota.

B.M.

18. **Pedaliodes mycalesoides.**

Pronophila mycalesoides, *Felder, Reise der Fregatte Novara*, iii.
p. 473. n. 809 (1867).

Bogota (Felder).

19. **Pedaliodes Polusca.**

Pronophila Polusca, *Hewitson, Trans. Ent. Soc. London*, 3rd ser.
i. p. 10. n. 21, pl. 4. figs. 31, 32 (1861).

Bogota.

♂, B.M.

20. **Pedaliodes Pausia.**

Pronophila Pausia, *Hewitson, Trans. Ent. Soc. London*, 3rd ser.
i. p. 8. n. 16, pl. 4. fig. 25 (1861).

Bolivia.

B.M.

21. **Pedaliodes angularis**, sp. nov. Pl. IV. fig. 7.

Alæ supra fuscae, area basali anticarum obscuriore.

Alæ subtus coloribus partim *Plotinæ*, stria ochracea anticarum
magis ad marginem approximante: costa posticarum rectissima,
fascia media tenuiore magis angulata; plaga fulvo-ferruginea anali
obsoleta; apice paulum albicante.

Exp. alar. unc. 1 $\frac{7}{8}$.

Peru.

B.M.

22. **Pedaliodes Piletha.**

Pronophila Piletha, *Hewitson, Trans. Ent. Soc. London*, 3rd ser.
i. p. 7. n. 14, pl. iii. fig. 23 (1861).

Venezuela.

♂, B.M.

23. **Pedaliodes Pedacia.**

Pronophila Pedacia, *Hewitson, Exot. Butterf.* iv. pl. incog. fig. 24
(1868).

Ecuador.

Coll. Hewitson.

24. *Pedaliodes Prytanis*.

Pronophila Prytanis, *Hewitson, Trans. Ent. Soc. London*, 3rd ser.
i. p. 7. n. 15, pl. iii. fig. 24 (1861).

Venezuela. ♂, B.M.

Var. *a*. Fascia subanali posticarum subtus brevior et magis quadrata.

Venezuela. ♀? B.M.

Var. *b*. Fascia elongata triangulari, velut in *Piletha*.

Venezuela. ♂, B.M.

This variety, as remarked by Mr. Hewitson, has the elongated triangular band of *Piletha*; it agrees, however, with *Prytanis* in form and size.

25. *Pedaliodes Phœnissa*.

Pronophila Phœnissa, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 9, pl. 4. fig. 30 (1861).

Bogota. ♂, B.M.

Differs from the preceding species in the more feebly scalloped margin, and in having brown fringes to the wings.

26. *Pedaliodes Physcoa*.

Pronophila Physcoa, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 5, pl. 3. fig. 17 (1861).

Bolivia. ♂, B.M.

27. *Pedaliodes Porina*.

Pronophila Porina, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 9. n. 18, pl. 4. fig. 28 (1861).

Bolivia. ♂ ♀, B.M.

28. *Pedaliodes Peucestas*.

Pronophila Peucestas, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 4. n. 7, pl. 2. figs. 13, 14 (1861).

(♂) Bogota, (♀) Quito. B.M.

29. *Pedaliodes Pallantis*.

Pronophila Pallantis, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 5. n. 8, pl. 2. figs. 15, 16 (1861).

Bogota. ♀, B.M.

30. *Pedaliodes Pylas*.

Pronophila Pylas, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 4. n. 6, pl. 2. figs. 11, 12 (1861).

Bogota. ♂, B.M.

31. **Pedaliodes Cocytia.**

Pronophila Cocytia, *Felder, Reise der Fregatte Novara*, iii.
p. 468. n. 796 (1867).

Pronophila Phaesana, *Hewitson, Exot. Butterf.* iv. pl. incog.
fig. 23 (1868).

Bogota (Felder).

Belongs to the *Parepa* group; the wings are less strongly den-
tated, the front wing somewhat waved below the apex, and the inner
margin of the hind wing shorter than in all the other species. Its
nearest ally is *P. Plotina*, Hew.

32. **Pedaliodes Plotina.**

Pronophila Plotina, *Hewitson, Trans. Ent. Soc. London*, 3rd ser.
i. p. 4. n. 5, pl. 2. figs. 9, 10 (1861).

Venezuela.

♂, B.M.

33. **Pedaliodes Parepa.**

Pronophila Parepa, *Hewitson, Trans. Ent. Soc. London*, 3rd ser.
i. p. 2. n. 1, pl. 1. figs. 1, 2 (1861).

Guayaquil.

♂, B.M.

34. **Pedaliodes Phila.**

Pronophila Phila, *Hewitson, Trans. Ent. Soc. London*, 3rd ser.
i. p. 2. n. 2, pl. 1. figs. 3, 4 (1861).

Bolivia.

♂, B.M.

35. **Pedaliodes Phœnicusa.**

Pronophila Phœnicusa, *Hewitson, Exot. Butterf.* iv. pl. incog.
figs. 18, 19 (1868).

Ecuador.

Coll. Hewitson.

36. **Pedaliodes Phæa.**

Pronophila Phæa, *Hewitson, Trans. Ent. Soc. London*, 3rd ser.
i. p. 3. n. 3, pl. 1. figs. 5, 6 (1861).

Colombia.

♂, B.M.

Mr. Hewitson has figured a very distinct looking insect as a
variety of this species (*Exot. Butterf.* iv. pl. incog. fig. 26, 1861).

37. **Pedaliodes ochrotænia.**

Pronophila ochrotænia, *Felder, Reise der Fregatte Novara*, iii.
p. 467. n. 795 (1867).

Var. *β. fuscata*, *Felder, ibid.*

Bogota, New Granada.

B.M.

38. **Pedaliodes Philotera.**

Pronophila Philotera, *Hewitson, Exot. Butterf.* pl. incog. figs. 16, 17 (Jan. 1868).

Ecuador ?

Coll. Hewitson.

39. **Pedaliodes Peruda.**

Pronophila Peruda, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 3. n. 4, pl. 1. figs. 7, 8 (1861).

Nauta (Amazon).

♂, B.M.

Subgenus 1.

Alis posticis costa apud apicem convexe producta.

40. **Pedaliodes Panyasis.**

Pronophila Panyasis, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 7. n. 13, pl. 3. fig. 22 (1861).

Venezuela.

♂, B.M.

This insect, in the underside-markings, somewhat resembles some species of *Steroma*.

41. **Pedaliodes Napæa.**

Pronophila Napæa, *H. W. Bates, Ent. Month. Mag.* i. p. 179. n. 70 (1865).

Guatemala (central valleys).

Coll. Salvin.

42. **Pedaliodes Phanaræa.**

Pronophila Phanaræa, *Hewitson, Exot. Butterf.* iv pl. incog. fig. 15 (1868).

Ecuador.

Coll. Hewitson.

Genus 65. **GYROCHEILUS**, *Butler* (1867)*.

Typical Species *Gyrocheilus Patrobas*.

1. **Gyrocheilus Patrobas.**

Pronophila Patrobas, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 16. n. 38, pl. 6. figs. 40, 41 (1861); *Exot. Butterf.* iv. pl. incog. fig. 20 (1868).

Mexico (Oajaca).

♂, B.M.

* This and the other genera of the *Pronophila* group were described, and their distinctive characters figured, in the 'Annals and Magazine of Natural History' for 1867.

Genus 66. *OXEOSCHISTUS*, *Butler* (1867).Typical Species *Oxeoschistus Puerta*.1. *Oxeochistus Puerta*.

Pronophila Puerta, *Westwood in Gen. Diurn. Lepid.* p. 358. n. 3 (1851); *Hewitson in Exot. Butterf.* ii. p. 28, pl. 41. fig. 12 (1859).

Venezuela.

♂ ♀, B.M.

2. *Oxeochistus simplex*, sp. nov. Pl. IV. fig. 2.

Alæ anticæ costa subconvexa, margine externo fusco tenuiore; posticæ latius ferrugineæ, maculis nigris majoribus; aliter velut in *O. Puerta*.

Anticæ subtus obscuriores: posticæ fascia media latiore, ocellis ferrugineo quadrate inclusis, fascia marginali haud denticulata: aliter velut in *O. Puerta*.

Exp. alar. unc. $2\frac{1}{16}$.

Colombia.

♂, B.M.

3. *Oxeoschistus hilarus*.

Pronophila hilara, *Bates, Ent. Month. Mag.* i. p. 178, n. 60 (1865).

Guatemala (Pacific slope).

Coll. Salvin.

4. *Oxeoschistus Protogenia*.

♂ ♀. *Pronophila Protogenia*, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 13. n. 28, pl. 6. fig. 38 (1861).

Bogota.

♂, B.M.

5. *Oxeoschistus pronax*.

Pronophila pronax, *Hewitson, Exot. Butterf.* ii. p. 82, pl. 41. figs. 10, 11 (1859).

Nauta (Amazon).

♂, B.M.

6. *Oxeoschistus Propylea*.

Pronophila Propylea, *Hewitson, Exot. Butterf.* ii. p. 80, pl. 40. figs. 5, 6 (1857).

New Granada.

Coll. Hewitson.

7. *Oxeoschistus Tauropolis*.

Pronophila Tauropolis, *Hewitson & Westwood in Gen. Diurn. Lepid.* p. 358. n. 6, pl. 66. fig. 1 (1851).

Pronophila letifica, *H. W. Bates, Ent. Month. Mag.* i. p. 164. n. 68 (1865).

Mexico, Guatemala.

8. *Oxeoschistus Prochyta*.

Pronophila Prochyta, *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 13. n. 29, pl. 6. fig. 39 (1861).

Bolivia.

♂, B.M.

9. *Oxeoschistus Irmina*.

♂. *Pronophila Irmina*, *Hewitson & Westwood in Gen. Diurn. Lepid.* p. 358. n. 5, pl. 60. fig. 2 (1851); ♀, *Herrich-Schäffer, Lep. Exot.* figs. 85, 86.

Venezuela.

♂ ♀, B.M.

Genus 67. *LASIOPHILA*, *Felder* (1859).

Typical Species *Lasiophila Zapatoza*.

1. *Lasiophila Cirta*.

♂. *Lasiophila Cirta*, *Felder, Wien. ent. Monatsch.* iii. Taf. 6. fig. 1 (1859).

Pronophila Cirta (part.), *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 15. n. 37 (1861).

♂ as ♀. *Pronophila Præneste* (part.), *Hewitson, Exot. Butterf.* ii. p. 81, pl. 41. figs. 7, 9 (not 8) (1859).

Peru (Felder), New Granada (Hewitson), Nauta (Amazon).

♂, B.M.

2. *Lasiophila Præneste*.

♂. *Pronophila Præneste*, *Hewitson, Exot. Butterf.* ii. p. 81, pl. 41. fig. 8 (1859).

? ♂. *Lasiophila Circe*, *Felder, Wien. ent. Monatsch.* iii. n. 26 (1859).

Pronophila Cirta (part.), *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 15. n. 37 (1861).

Bogota.

♂, B.M.

3. *Lasiophila Zapatoza*.

♂. *Pronophila Zapatoza*, *Westwood in Gen. Diurn. Lepid.* p. 358. n. 4 (1851); ? *Herrich-Schäffer, Lep. Exot.* figs. 87, 88 (1850); *Hewitson, Exot. Butterf.* ii. p. 79, pl. 40. figs. 1, 2 (1857).

Venezuela.

♂ ♀, B.M.

The female of this species differs from the male in the brighter colouring of the upperside and the paler colouring of the underside. There do not appear to be any specimens in the collection that exactly agree with the description ("subtus serie punctorum nigrorum, antico albo pupillato"). We have no specimens from Bolivia.

4. *Lasiophila orbifera*, sp. nov. Pl. V. fig. 6.

♂. Alæ supra rufo-ferrugineæ: anticæ area apicali nigra, maculis quinque (apicali elongata obliqua) rufo-ferrugineis discalibus serie undata positis: posticæ margine maculisque 5-6 submarginalibus rotundatis, apicalibus subconnectis, nigris.

♀. Major, maculis discalibus et (posticarum) postmacularibus flavidis.

Alæ subtus fere velut in *L. Zapatoza*, Westw.

Bolivia, Bogota.

♂ ♀, B.M.

Var. Alis paulum brevioribus.

Amazon (registered "Nauta").

♂, B.M.

This species is allied to *Zapatoza*, of which Mr. Hewitson considers it to be a variety; but it is larger, and has the front wings black to beyond the termination of the discoidal cell. For some time it stood in the collection as Felder's *Circe*; but it does not quite agree with his description, and Mr. Hewitson considers the latter to represent his *Præneste*.

5. *Lasiophila Hewitsonia*, sp. nov. Pl. IV. fig. 4.

♂. Coloribus alarum anticarum et forma velut in *L. Cirta* (Felder), posticarum velut in *Præneste* (Hewitson): alæ subtus velut in *Phalæsia* (Hewitson).

Exp. alar. unc. 2 $\frac{6}{8}$.

Bolivia.

♂, B.M.

Allied to the preceding species and to *Præneste*; the underside of the wings exactly as in *Phalæsia*. This species is considered by Mr. Hewitson to be a variety of *Præneste*; it, however, chiefly resembles the latter species in form; and, were the pattern of its coloration more distinctly outlined, nobody would hesitate about separating them. It is far more distinct than many of the species in the *Pedaliodes* group.

6. *Lasiophila Prosymna*.

♂. Pronophila Prosymna, *Hewitson, Exot. Butterf.* ii. p. 79, pl. 40, figs. 3, 4 (1857); as ♀, *Trans. Ent. Soc. London*, 3rd ser. i. p. 15. n. 35 (1861).

Bogota.

♂, B.M.

7. *Lasiophila Phalæsia*.

♂. Pronophila Phalæsia, *Hewitson, Exot. Butterf.* iv. pl. incog. figs. 13, 14 (Jan. 1868).

Var. Pronophila Prosymna (part.), *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i. p. 15. n. 35, pl. 5. figs. 35, 36 (1861).

Ecuador (Hewitson), Bolivia, Quito.

♂, B.M.

Genus 68. *DÆDALMA*, *Hewitson* (1858).Typical Species *Dædalma Dinias*.1. *Dædalma Dinias*.

♂ ♀. *Dædalma Dinias*, *Hewitson*, *Exot. Butterf.* ii. p. 85, pl. 43.
figs. 1-3 (1858).

Bogota.

♂, B.M.

2. *Dædalma inconspicua*.

♂. *Dædalma inconspicua*, *Butler*, *Ent. Month. Mag.* iii. p. 77.
n. 2 (1866).

Quito.

♂, B.M.

3. *Dædalma Drusilla*.

♂. *Dædalma Drusilla*, *Hewitson*, *Exot. Butterf.* ii. p. 86, pl. 43.
fig. 7 (1858).

New Granada.

Coll. Hewitson.

4. *Dædalma Doræte*.

♂. *Dædalma Doræte*, *Hewitson*, *Exot. Butterf.* ii. p. 85, pl. 43.
figs. 4, 5 (1858).

New Granada.

Colls. Hewitson & Saunders.

5. *Dædalma Dorinda*.

Dædalma Dorinda, *Felder*, *Wien. ent. Monatschr.* vi. p. 28
(1862); *Nov. Voy.* iii. tab. 67. figs. 3, 4 (1867).

Bogota.

Coll. Hewitson.

6. *Dædalma Emilia*.

Dædalma Emilia, *Butler*, *Proc. Zool. Soc.* p. 40. n. 3, pl. 3. fig. 3
(1866).

Bogota.

B.M.

This may be only a brightly coloured variety of *Dorinda*; it seems, however, to differ slightly in the form of the hind wings.

Subgenus 1.

Costa posticarum subintegra, caudis aliquando obsoletis.

7. *Dædalma Phoronea*.

♂. *Pronophila Phoronea*, *Hewitson & Westwood*, *Gen. Diurn. Lepid.* p. 358. n. 7, pl. 60. fig. 1 (1861); also of *Hewitson* (1861).

Venezuela.

♂ ♀, B.M.

8. *Dædalma Phaselis*.

♂. *Pronophila Phaselis*, *Hewitson, Trans. Ent. Soc. London*, ser. 3. i. p. 14, pl. 6. fig. 37 (1861).

Venezuela.

♂, B.M.

Dædalma? *Drymæa* (? *Pedaliodes*, near *angularis*).

Dædalma Drymæa, *Hewitson, Exot. Butterf.* ii. p. 86, pl. 43. fig. 6 (1858).

New Granada.

Coll. Hewitson.

Genus 69. *PRONOPHILA*, *Westwood* (1851).

Typical Species *Pronophila Thelebe*.

1. *Pronophila Thelebe*.

Pronophila Thelebe, *Hewitson & Westwood in Gen. Diurn. Lepid.* p. 358. n. 1, pl. 60. fig. 3 (1851); *Hewitson, Trans. Ent. Soc. London*, ser. 3. i. p. 11. n. 23 (1861).

Venezuela.

B.M.

2. *Pronophila Orcus*.

Satyrus Orcus, *Latreille in Humboldt & Bonpland's Obs. Zool.* ii. p. 72, pl. 35. figs. 1, 2 (1799-1804). *Pron. Orcus*, *Westw.* (1851).

Bogota.

B.M.

Var. *Alis anticis supra velut in Thelebe albimaculatis.*

Bolivia.

B.M.

3. *Pronophila Porsenna*.

Pronophila Porsenna, *Hewitson, Trans. Ent. Soc.* 3rd ser. i. p. 12. n. 25, pl. 5. fig. 34 (1861).

Quito, Bogota.

B.M.

4. *Pronophila obscura*, sp. nov. Pl. IV. fig. 10.

Alæ supra magnitudine et colore Thelebes, forma Orci.

Alæ subtus pallidiores: anticæ maculis elongatis discalibus nigris, maculas quatuor nigras cæruleo-albido pupillatas includentibus, serie directa digestas, et partim aurantiaco a lateribus marginatas: apice albicante: posticæ coloribus Orci, fasciarum forma et ocellorum positione magis iis Cordilleræ simulantibus.

Exp. alar. unc. $3\frac{1}{8}$ - $2\frac{7}{8}$.

Venezuela (two specimens).

B.M.

Most nearly allied to *Cordillera*, which it resembles in the number and position of its ocelli. The hind wings below are most like those of *P. Orcus*.

5. *Pronophila Cordillera*.

Pronophila Cordillera, *Westwood in Gen. Diurn. Lepid.* p. 358.
n. 2 (1851); *Hewitson, Trans. Ent. Soc. London*, 3rd ser. i.
p. 11. n. 24, pl. 5. fig. 33 (1861).

Bolivia.

B.M.

Genus 70. *CORADES*, *E. Doubleday* (1848).

Typical Species *Corades Enyo*.

1. *Corades Iduna*.

Corades Iduna, *Hewitson in Ann. & Mag. Nat. Hist.* 2nd ser. vi.
p. 437 (1850); *Hewitson & Westwood, Gen. Diurn. Lepid.*
p. 355. n. 2, pl. 63. fig. 1 (1851).

Bolivia.

B.M.

Local form. Macula discali anticarum minore nec geminata: alæ
posticæ longiores, colore flavo confuso maculam permagnam
formante.

Nauta (Amazon).

B.M.

2. *Corades Chelonis*.

Corades Chelonis, *Hewitson, Exot. Butterf.* iii. p. 71, pl. 36.
figs. 1, 2 (1863).

Bogota, Quito.

B.M.

3. *Corades Enyo*.

Corades Enyo, *Hewitson, Proc. Zool. Soc. London*, p. 117, pl. 4
(*Annulosa*) (1848).

Corades Auriga, *Herrich-Schäffer, Lep. Exot. sp. nov.* (Regens-
burg, 1856), ser. 11, Lief. 5. n. 82, 83 (1850-58).

Venezuela.

♂ ♀, B.M.

Local form. Alis posticis supra castaneo-fuscis.

Nauta (Amazon), Bogota, New Granada, Bolivia.

B.M.

4. *Corades Pannonia*.

Corades Pannonia, *Hewitson, Ann. & Mag. Nat. Hist.* 2nd ser.
vol. vi. p. 438, pl. 10. fig. 1, not 2 (1850); *Hewits. & West-*
wood, Gen. Diurn. Lepid. p. 355. n. 3 (1851).

Corades ichthya, *Herrich-Schäffer, Lep. Exot. sp. nov.* (Regens-
burg, 1856), ser. 11, Lief. 5. n. 84 (1850-58).

Venezuela.

B.M.

Locul form. Alæ subtus fascia media oehrea posticarum subobsoleta ; punetis anticarum rufis obsoletis.

Bogota.

B.M.

5. *Corades Ulema*.

Corades Ulema, *Hewitson in Ann. & Mag. Nat. Hist.* 2nd ser. vi. p. 438 (1850); *Hewitson & Westwood in Gen. Diurn. Lepid.* p. 355. n. 4 (1851).

Bolivia.

B.M.

6. *Corades Chirone*.

Corades Chirone, *Hewitson, Exot. Butterf.* iii. p. 71, pl. 36. fig. 3 (1863).

Bogota, Quito.

♂, B.M.

7. *Corades argentata*, sp. nov.

Corades Pannonia ♀?, *Hewitson in Ann. & Mag. Nat. Hist.* 2nd ser. vi. p. 438, pl. 10. fig. 2 (1850).

Bolivia.

♂, B.M.

This species is undoubtedly distinct from *Pannonia*. It differs from it on the underside in the form of the central band of the hind wing, which, as Mr. Hewitson remarks, is "of silver," not of yellow, as in *Pannonia*. Our specimen is an undoubted male, so that the idea of its being the opposite sex of Mr. Hewitson's species at once falls to the ground. It is more nearly allied to *C. Cybele* than to *Pannonia*.

8. *Corades Cybele*.

Corades Cybele, *Butler, Proc. Zool. Soc. London*, p. 40. n. 2, pl. 3. fig. 2 (1866).

Bogota.

B.M.

9. *Corades Sareba*.

Corades Sareba, *Hewitson, Ann. & Mag. Nat. Hist.* 2nd ser. vi. p. 439, pl. 10. fig. 5 (1850); *Hewitson & Westwood, Gen. Diurn. Lepid.* p. 355. n. 6 (1851).

Bolivia.

B.M.

10. *Corades Medeba*.

Corades Medeba, *Hewitson, Ann. & Mag. Nat. Hist.* 2nd ser. vi. p. 439, pl. 10. fig. 4 (1850); *Hewitson & Westwood, Gen. Diurn. Lepid.* p. 355. n. 5 (1851).

Bolivia, Quito.

♂, B.M.

Local form. *Ala subtus striga discoidali abbreviata.*

Bogota.

♂ ♀, B.M.

The female of this species has several reddish spots, and, in the front wings, a row of ill-defined ochreous spots on the upperside.

11. *Corades Cistene.*

Corades Cistene, *Hewitson, Exot. Butterf.* iii. p. 72, pl. 36. figs. 4, 5 (1863).

Bogota, Quito.

B.M.

Genus 71. *PTYCHANDRA*, *Felder* (1861).

Typical Species *Ptychandra Lorquinii*.

1. *Ptychandra Lorquinii.*

Ptychandra Lorquinii, *Felder, Wien. ent. Monatschr.* v. p. 304 (1861); *Nov. Voy.* iii. tab. 68. figs. 1-3 (1867).

Philippine Islands.

B.M.

This genus differs from every other genus of *Satyridae* in the shortness of the discoidal cell of the front wings. In this particular it resembles the family *Eurytelidae*.

2. *Ptychandra leucogyne.*

Ptychandra leucogyne, *Felder, Novara-Voyage*, iii. p. 498. n. 864 (1867).

Gilolo.

ADDITIONAL SPECIES.

1. *Satyrus Boöpis*.

Satyrus Boöpis, *Behr, Am. Calif. Acad. Nat. Scien.* (1864);
Edwards, Proc. Ent. Soc. Philad. p. 196. n. 4 (1866).

California.

Possibly a variety of *Satyrus (Minois) Nephela*, from which it chiefly differs in the absence of ocelli upon the under surface of the wings.

2. *Cænonympha infuscata*.

Cænonympha infuscata, *M'Leay, in Proc. Ent. Soc. New South Wales*, i. pt. 5. p. liii (1866).

Cape York.

The description of this species is very brief; but its locality will probably assist in its determination. All species of *Satyridae*, however, ought to be figured.

3. *Lethe? marginalis*.

Satyrus marginalis, *Motschulsky, Etudes Entomologiques*, ix. p. 29 (1860).

Japan.

May be nearly allied to *Lethe Diana*, Butler; but the description does not quite agree with it. It may possibly be a faulty description taken from a broken specimen. The work in which this species is described has not been recorded. *Satyrus bipunctatus*, Motschulsky, *Etudes Entom.* ix. p. 29 (1860)=Japanese form of *Satyrus (Minois) Dryas* of Scopoli.

4. *Aulocera Werang*.

Aulocera Werang, *Lang, in Ent. Month. Mag.* iv. p. 247 (1868).

Upper Kunáwur (Werang Pass), Cashmere (Goolmurg).

Most nearly allied to *A. Scylla*, Butler.

5. *Erites argentina*, sp. nov. Pl. V. fig. 8.

♀. Alæ supra fuscae pallidae, subhyalinae: anticae ocellis quinque, quinto maximo subanali, primo et quarto minimis, omnibus caecis flavo cinetis: posticae ocellis quatuor similibus sed magis distinctis, quarto paulum majore apud angulum analem; fasciis velut in *E. elegante*, sed magis distinctis.

Alæ subtus argenteo-glaucinae, area basali fusco liturata; fasciis

duabus mediis nigro limitatis fulvis, externa posticarum latiore, clariore et medio extus producta; margine externo albedo lineis duabus ciliisque nigris: anticæ ocellis quinque nigerrimis pallide fulvo cinctis, nigro circumcinctis et argenteo decore pupillatis, magnitudine velut supra, distantibus: posticæ ocellis quinque nigerrimis, secundo et quinto paulum majoribus; primo et secundo velut in anticis, tertio et quinto flavo cinctis et nebula flavo-fusca circumcinctis, quarto minimo nebula flava circumcincta.

Exp. alar. unc. $2\frac{3}{16}$.

Labuan (Borneo).

♀, B.M.

E. argentina may be looked upon as nearly intermediate between *E. Madura* and *E. elegans*; it differs, however, from both in the form of the front wings, which in this species are much broader and more rounded at the apex. The large ocellus of the front wings seems to indicate its nearer relationship to *Madura*; but the general colouring of the underside is more like that of *elegans*. The form of the central bands, and the relative size of the ocelli, seem to preclude the possibility of *E. elegans* and *argentina* being opposite sexes of one species.

FOSSIL SPECIES.

(CYLLO) SEPULTA.

Cyllo sepulta, Boisduval in *Ann. Ent. Soc. France*, p. 371, pl. 8 (1840); also of *Westwood* (1851).

Vanessa sepulta, *Lefebvre* in *Ann. Ent. Soc. France*, p. 71, pl. 3. figs. A-C (1851).

"Dans les marnes des environs d'Aix en Provence" (Boisduval).

This very interesting species was described, and admirably figured by Dr. Boisduval in the French 'Annales de la Société Entomologique' (1840); that gentleman considered it to be a Satyride allied to *Satyrus rohria*, *caumas*, &c.*, which it somewhat resembles in the form of the wings.

In the French 'Annales' (for 1851), M. Lefebvre published a note upon the species, in which he criticised Dr. Boisduval's paper, and stated that the fossil species, instead of being allied to *rohria*, was evidently a *Vanessa*—that the strong tail-like wing projection belonged to the front, and not to the hind wings, and represented the angular projection which occurs in all true *Vanessidæ*, as an example of which he instanced *Vanessa (Junonia) Archesia* of Cramer. This remarkable note was, moreover, accompanied by figures of the species, representing the tail both upon the front and hind wings.

In the same volume of the 'Annales' Dr. Boisduval gives an excellent answer to M. Lefebvre's observations, in which he well remarks, "Nous n'avons jamais vu une seule espèce avec les ailes

* Species of *Lethe*.

supérieures anguleuses et appendiculées, et les ailes inférieures arrondies comme avec un compas :” and certainly, did such an insect ever exist, its wings would be utterly useless as organs of flight, for they would invariably carry it downwards. In all insects which have small and rounded hind wings the costa of the front wings always far exceeds the inner margin in length and strength*, whereas in *M. Lefebvre’s* insect the reverse would be the case.

The true position of *C. sepulta* is undoubtedly in the family *Satyridæ*; and, so far as can be judged from the beautiful figure in the ‘*Annales*’†, it is exactly intermediate in character between three nearly allied genera now existing, viz. *Neorina*, *Antirrhæa*, and *Anchiphlebia*, its more immediate allies being the commonest species in each of the above genera. Its characters are distributed between these three species as follows :—

	<i>Neorina</i> <i>Loui</i> , Boisd.	<i>Antirrhæa</i> <i>Philoctetes</i> , Linn.	<i>Anchiphlebia</i> <i>Archæa</i> , Hübner.
Form of front wings	*		
Form of hind wings		*	
Tails of hind wings (intermediate in character between).....	*	*	
Submarginal spots of front wings	*	*	*
Black disco-submarginal spots of hind wings.....		*	
Pale costal and discal banding of wings	*?		*
Limitation of dark dentated basal area of hind wings			*
Submarginal line of hind wings	*		

The venation appears to be nearly similar to that of *Anchiphlebia* (pl. 5. fig. 3). It is doubtful, however, whether the drawing of the veins has been sufficiently attended to to offer any reliable characters.

The species in this Catalogue, as they now stand, amount to upwards of 760, more than 400 of which are in the National Collection. Of these, 51 are described as new to science.

* As, for instance, in the *Sphingidæ*, *Heliconidæ*, &c.

† In this figure the neurulation has not been very clearly defined, the veining of the hind wings not being continuous.

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The genera are printed in Roman capitals, the species in Roman, the synonyms in italics, and the more distinct varieties or local forms are marked with an asterisk.

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THE END.

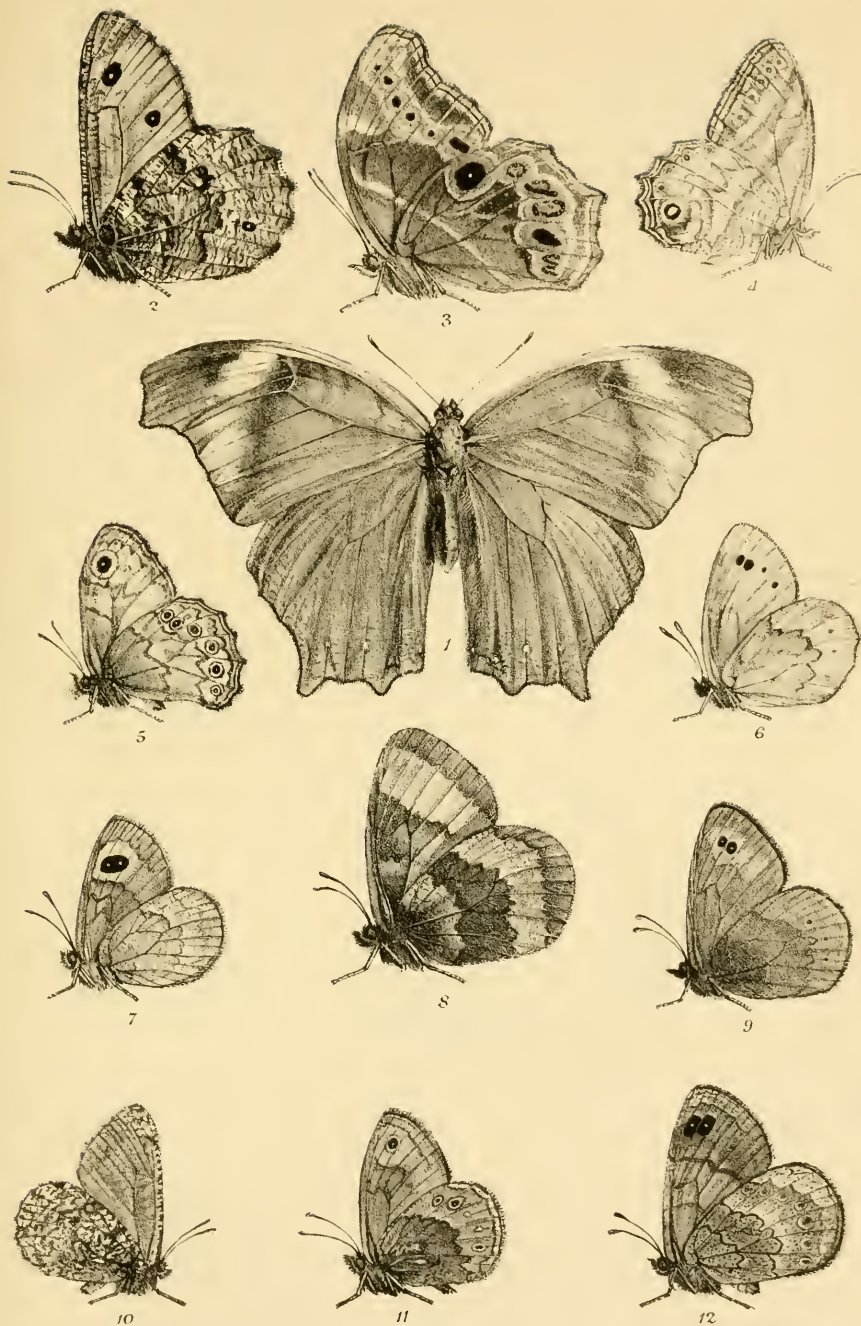


A.G. Butler del et lith Feb'y & March 1868

W. West imp

1. *Taygetis excavata*, Butler
 2. " *erubescens* "
 3. " *armillata* "
 4. *Euptychia rustica* "

5. *Taygetis Euptychidia* Butler
 6. " *nymphosa* "
 7. " *nymphæa* "



A G Butler del et lith March 1868.

W. West imp

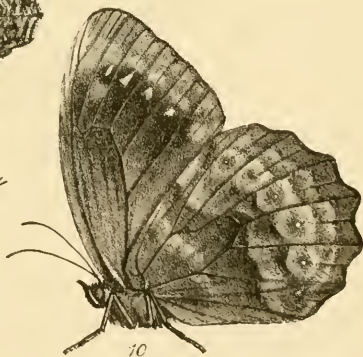
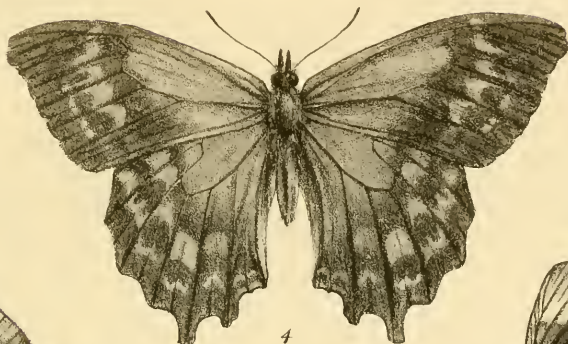
- | | | | |
|--------------------------------|----------|-----------------------------------|--------|
| 1 <i>Melanitis Gnophodes</i> , | Butler. | 7 <i>Erebia Hispania</i> , | Butler |
| 2 <i>Æneis gigas</i> , | " | 8 " <i>fasciata</i> , | " |
| 3 <i>Lethe arcuata</i> , | " | 9. " <i>epipsodea</i> , | " |
| 4 <i>Erites elegans</i> , | " | 10. <i>Æneis assimilis</i> , | " |
| 5 <i>Paramacera xicaque</i> , | Reakirt. | 11. <i>Tetraphlebia plumbeola</i> | " |
| 6 <i>Erebia mantoides</i> , | Butler. | 12. <i>Leptoneura cassina</i> , | " |



A. G. Butler del et lith. April. 1868.

W. West. imp.

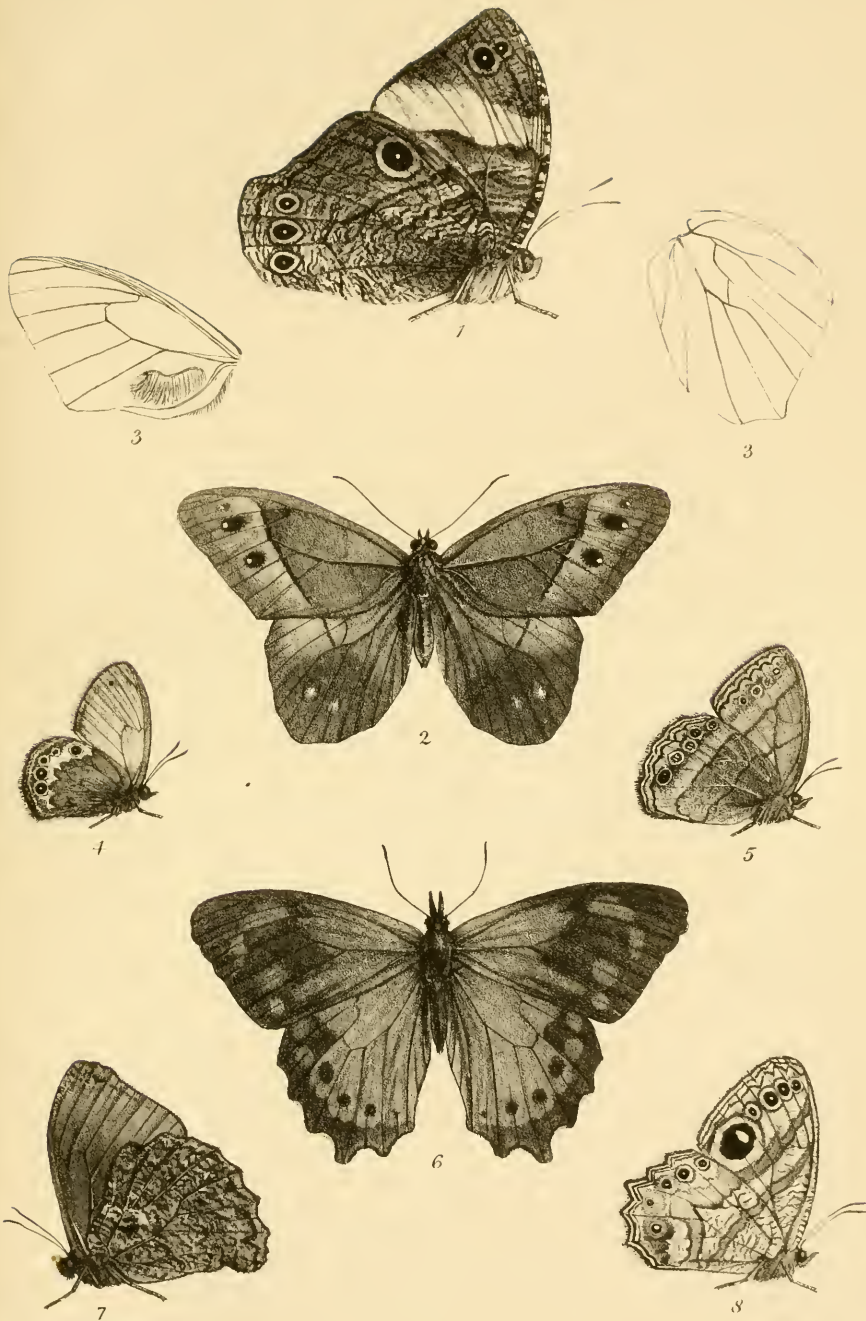
1	<i>Mycalesis saga</i>	Butler.	8.	<i>Mycalesis angulosa</i>	Butler
2.	" <i>vulgaris</i>	"	9.	" <i>mandosa</i>	"
3.	<i>Epinephele pallescens</i> ?	"	10.	" <i>Madjicosa</i>	"
4.	<i>Mycalesis junonia</i>	"	11.	" <i>aethiops</i>	"
5.	" <i>Felderi</i>	"	12.	" <i>justinella</i>	"
6.	" <i>auricruda</i>	"	13.	" <i>fraterna</i>	"
7.	" <i>Senperi</i>	"	14.	" <i>malsarida</i>	"



A. G. Butler del et lith May 1868

W West, imp

1. <i>Argyrophorus Williamsianus</i>	Butler	6 <i>Lymanopoda Acræida</i>	Butler
2. <i>Oxeoschistus simplex</i>	"	7. <i>Pedaliodes angularis</i>	"
3. <i>Lymanopoda ferruginosa</i>	"	8. " <i>granulata</i>	"
4. <i>Lasiophila Hewitsonia</i>	"	9. <i>Hypocysta antirius</i>	"
5. <i>Lymanopoda venosa</i>	"	10. <i>Pronophila obscura</i>	"



A G Butler del et lith. May 1868

1. *Hipo Crameri* Butler.
 2. *Anchiphlebia Taygetina* "
 3. " *archæa* Hübner
 4. *Cænonympha marginalis* Butler .

5 *Euptychia perfuscata* Butler.
 6. *Lasiophila orbifera* "
 7 *Steroma superba* "
 8. *Ertes argentina* "

W West, imp.



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